

**University of Wisconsin Oshkosh
Undergraduate Bulletin (2011-2013)**

Extracted from an archived version of uwosh.edu/registrar/bulletins in January 2019.

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POLICIES

The University of Wisconsin Oshkosh

Jan 2011

Organization:

The University of Wisconsin Oshkosh is both a major undergraduate and a regional graduate campus in the statewide University of Wisconsin System, which ranks among the top education systems in the nation; it is one of thirteen four-year campuses in the System. Control of the System rests with the state, a Board of Regents and an administrative head with the title of President. Each campus is administered under the leadership of a chancellor.

History:

The University of Wisconsin Oshkosh has a long and distinguished academic history, having served Wisconsin since opening its doors as Oshkosh Normal School in 1871. Keeping abreast of educational trends, the school was designated Wisconsin State Teachers' College in 1925, and upon the approval of curricula in the liberal arts in 1949, became Wisconsin State College, Oshkosh. Recognizing the growth in enrollment and programs and the inauguration of several graduate degrees, the college was designated as Wisconsin State University Oshkosh in July of 1964. Upon the merger of the Wisconsin State University and University of Wisconsin systems, the campus became the University of Wisconsin Oshkosh in 1971.

The Campus

The University of Wisconsin Oshkosh is located in the city of Oshkosh in the heart of the Fox River Valley, a thriving business, manufacturing, and cultural center. Situated in the near northwest section of the city, the modern campus of more than 50 buildings is arranged along a central mall and boulevard and bordered on the west by the Fox River.

Governing Ideas for the University of Wisconsin Oshkosh

Select Mission of the University of Wisconsin Oshkosh*

(In addition to the system and core missions, UW Oshkosh has the following select mission*.)

University of Wisconsin System Mission Statement

The mission of the University of Wisconsin System is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses, and to serve and stimulate society by developing in students heightened intellectual, cultural, and humane sensitivities, scientific, professional and technological expertise, and a sense of purpose. Inherent in this broad mission are methods of instruction, research, extended training, and public service designed to educate people and improve the human condition. Basic to every purpose of the UW System is the search for truth.

The Core Mission of the University Cluster Institutions

As institutions in the University Cluster of the University of Wisconsin System, the University of Wisconsin-Eau Claire, the University of Wisconsin-Green Bay, the University of Wisconsin-La Crosse, the University of Wisconsin-Oshkosh, the University of Wisconsin-Parkside, the University of Wisconsin-Platteville, the University of Wisconsin-River Falls, the University of Wisconsin-Stevens Point, the University of Wisconsin-Stout, the University of Wisconsin-

Superior and the University of Wisconsin-Whitewater share the following core mission. Within the approved differentiation stated in their select missions, each university in the cluster shall:

- Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.
- Offer an environment that emphasizes teaching excellence and meets the educational and personal needs of students through effective teaching, academic advising, counseling and through university-sponsored cultural, recreational and extra-curricular programs.
- Offer a core of liberal studies that supports university degrees in the arts, letters and sciences, as well as specialized professional/technical degrees at the associate and baccalaureate level.
- Offer a program of pre-professional curricular offerings consistent with the university's mission.
- Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs and its approved mission statement.
- Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.
- Participate in inter-institutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.
- Serve the needs of women, minority, disadvantaged, disabled and non-traditional students and seek racial and ethnic diversification of the student body and the professional faculty and staff.
- Support activities designed to promote the economic development of the state.

Select Mission of the University of Wisconsin Oshkosh

The University of Wisconsin Oshkosh provides a wide array of quality educational opportunities to the people of northeastern Wisconsin and beyond through the discovery, synthesis, preservation and dissemination of knowledge. The interaction of our dedicated faculty, staff and students fosters an inclusive learning environment that prepares our graduates to meet the challenges of an increasingly global society.

The UW Oshkosh Student Learning Outcomes

UW Oshkosh prepares graduates who are talented, liberally educated, technically skilled global citizens and are fully engaged as leaders and participants in civic, economic, political and social life. The University fulfills its learning mission through a commitment to providing a 21st century liberal education that is grounded in a set of student learning outcomes unanimously adopted by the Faculty Senate on May 13, 2008.

The University embraces the following definition of liberal education:

Liberal education is a philosophy of education that empowers individuals with broad knowledge and transferable skills, and a strong sense of values, ethics, and civic engagement. These broad goals have been enduring even as the courses and requirements that comprise a liberal education have changed over the years. Characterized by challenging encounters with important and relevant issues today and throughout history, a liberal education prepares graduates both for socially valued work and for civic leadership in their society. It usually includes a general education curriculum that provides broad exposure to multiple disciplines and ways of knowing,

along with more in-depth study in at least one field or area of concentration.

[Source: Advocacy “What is a liberal education?”

at http://www.aacu.org/advocacy/What_is_liberal_education.cfm]

Knowledge of Human Cultures and the Physical and Natural World

- Through study in fine and performing arts, humanities, mathematics and science, and social science

Focused by engagement with big questions, both contemporary and enduring.

Skills, both Intellectual and Practical, including

- Identification and objective evaluation of theories and assumptions
- Critical and creative thinking
- Written and oral communication
- Quantitative literacy
- Technology and information literacy
- Teamwork, leadership, and problem solving practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance

Responsibility, as Individuals and Communities, including

- Knowledge of sustainability and its applications
- Civic knowledge and engagement—local and global
- Intercultural knowledge and competence
- Ethical reasoning and action
- Foundations and skills for lifelong learning developed through real-world challenges and active involvement with diverse communities

Learning: Integrated, Synthesized, and Advanced, including

- Synthesis and advanced accomplishment across general and specialized studies demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems.

[Note: Learning Outcomes are adapted from AAC&U report, College Learning for a New Global Century [http://www.aacu.org/advocacy/leap/documents/GlobalCentury_final.pdf]]

Vision Statement

The University of Wisconsin Oshkosh will be a national model as a responsive, progressive, and scholarly public service community known for its accomplished record of engaging people and ideas for common good. It will be admired for:

- Enrichment and Leadership that emphasizes intellectual, civic, ethical, and personal development for students, faculty, and staff.
- The Centrality of the Student-Faculty Relationship that is distinguished by active learning, mutual respect, and collaborative scholarship.
- Teaching Excellence that is characterized by diversity, discovery, engagement, innovation, dialogue, and dissemination.
- Scholarly Achievement that furthers new knowledge through diverse methods of inquiry and is applicable to multiple audiences.
- Partnerships that mutually serve, stimulate, and shape the University and the broader public.

Core Values

- **Knowledge and Continuous Learning.**
We believe that the pursuit of knowledge, understanding, meaning, and personal development should be encouraged across all stages of life.
- **Diversity and Inclusivity.**
We believe that a university community connects the perspectives and backgrounds of diverse social and academic groups of people. To meet this aim, a university community must be inclusive in its composition and support a civil atmosphere and a tolerant environment for learning.
- **Quality and Achievement.**
We believe that the university should provide a wide range of high-quality educational and scholarly opportunities that stimulate activity and recognize achievement by students, faculty, and staff.
- **Freedom and Responsibility.**
We believe that members of a university community must be free to pursue academic, artistic, and research agendas that are essential to the University Mission, while contributing to an open and collegial environment that promotes reasoned inquiry, intellectual honesty, scholarly competence, and the pursuit of new knowledge.
- **Engagement and Support.**
We believe the vitality of ideas is supported by mutually reinforcing relationships that involve students, faculty, staff, administrators, and the broader community. The student-faculty relationship is the most central relationship in the university. This spirit of engagement must also extend beyond the borders of our campus as we seek to stimulate, serve, and shape our society.
- **Social Awareness and Responsiveness.**
We believe that educators and students should explore and engage the challenges that confront regional, national, and global communities, using their intellectual and creative capabilities to understand, investigate, and solve problems. Social awareness will allow us to respond to domestic and international needs for equitable and sustainable societies.

Strategic Directions

- **Develop a Diverse, Engaged Community of Lifelong Learners and Collaborative Scholars.**
The University of Wisconsin Oshkosh will be regionally based and globally connected. We are a community of critical, creative, and constructive thinkers who approach academic and social issues in an informed and principled way. Our learning community is distinguished by a pervasive commitment to diversity and inclusivity, international perspectives, support for those with disabilities or special needs, and engaged community service.
- **Enhance Teaching Excellence, Active Learning and Dynamic Curricular Programs.**
The University of Wisconsin Oshkosh will enhance the scholarly and physical environment we provide for teaching excellence, active learning, and dynamic curricular programs. The university will encourage, support, and intensify efforts to engage students inside and outside of the classroom.
- **Foster Research, Intellectual Activity, and Creative Expression.**
The University of Wisconsin Oshkosh will sustain, support, and enhance a vigorous scholarly environment for research, intellectual activity, and creative expression. We will

encourage faculty, students, and staff to generate and maintain connections to professional communities and the people, institutions, and communities we serve. Faculty, staff, and students will seek opportunities to work together to discover, share, and apply knowledge.

- Expand Regional Outreach and Domestic and International Partnerships.

The University of Wisconsin Oshkosh will expand and support collaborative relationships that contribute to the development of knowledge and its application in new situations while maintaining its core values. We encourage principled and responsive relationships that draw on the ideas, ambitions, and talents of the university and its external partners.

- Promote Representative Leadership, Responsive Shared Governance, and Flexible Resource Stewardship.

The University of Wisconsin Oshkosh will promote accessible, representative, and altruistic leadership, responsive shared governance, and flexible resource stewardship.

We will be broad, open, and inclusive in governance processes and will align our human, physical, and financial resources to meet our established priorities.

Administrative Leadership Principles

- Maintain an open, inclusive, non-threatening environment
- Embrace responsive shared governance
- Treat people with respect and integrity
- Encourage risk taking
- Respect the ideas, roles and talents of all members of the team
- Nurture, promote and integrate diversity of people and ideas
- Preserve the ideals of altruistic leadership
- Recognize, reward and celebrate success
- Advocate for all aspects of the University
- Empower and support others
- Communicate honestly and constructively
- Recognize our accountability to our internal and external constituencies
- Listen carefully and respond clearly
- Make decisions based on the priorities integral to the Governing Ideas of the University

Assessment of Student Learning

The University's Assessment Plan calls for the assessment of student learning in General Education and every undergraduate major program. The purpose of the University Assessment Plan is to articulate learning outcome goals for the General Education program and every undergraduate major program and assess whether those learning outcome goals are being accomplished. The university employs multiple measures to determine if learning outcome goals are being accomplished.

Undergraduate Majors Assessment Plans

Every undergraduate major program has articulated learning outcome goals for their students and develops multiple measures to assess whether those goals are being accomplished. Examples of measures developed by major programs include:

- Standardized and locally prepared examinations.
- Portfolios displaying student work products.
- Essays
- Oral presentations.

- Capstone experiences.
- Exit Interviews.
- Surveys.

Volume Information

ACCREDITED By:

AACSB International -- The Association to Advance Collegiate Schools of Business
Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (CAC/ABET)
Accrediting Council on Education in Journalism and Mass Communication
American Chemical Society
Association for Assessment and Accreditation of Laboratory Animal Care
Commission for Collegiate Nursing Education
Commission on Accreditation of Athletic Training Education (CAATE)
Council for Accreditation of Counseling and Related Educational Programs (CACREP)
Council for Standards in Human Service Education
Council on Social Work Education

Higher Learning Commission: A Commission of the North Central Association of Colleges and Schools

National Association of Concurrent Enrollment Programs (NACEP)
National Association of Schools of Music (NASM)
Wisconsin Department of Public Instruction

APPROVED By:

Wisconsin State Board of Accountancy
Wisconsin State Board of Nursing

MEMBER:

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Association for the Advancement of Sustainability (AASHE)
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Association of Environmental Health Academic Programs (AEHAP)
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Council of Colleges of Arts and Sciences (CCAS)
Council on Undergraduate Research (CUR)
Mathematical Association of America
Mid Continent East Deans Associations
Midwest Modern Language Association (M/MLA)
Midwest Student Exchange
National Association of Colleges & Universities Business Officers (NACUBO)
National Association of Schools of Public Affairs and Administration

National League for Nursing (NLN)
National Rural Education Association (NREA)
National Strength and Conditioning Association
National Student Exchange (NSE)
National Women's Studies Association
NEW NORTH
North American Association of Summer Sessions (NAASS)
Teacher Education Council of State Colleges and Universities (TECSCU)
The College Board
The Renaissance Group
WAICU studyWisconsin
Wisconsin Associate of Colleges for Teacher Education (WACTE)
Wisconsin Campus Compact
Wisconsin Institute for Peace and Conflict Studies

<http://www.uwosh.edu>

The University of Wisconsin Oshkosh Undergraduate Bulletin is published biennially in the spring of odd-numbered years. Bulletins are available online at <http://www.uwosh.edu/registrar/bulletins>

The University of Wisconsin Oshkosh
Vol. 31 No. 3 May 2011

Note to Readers

This Bulletin does **not** establish nor constitute a contract between the University of Wisconsin Oshkosh and students enrolled at this institution. The Bulletin provides descriptive and summary information that outlines University rules, regulations, course listings, degree programs, and fee schedules, which are in effect at the time of publication. The University retains the exclusive right to change, modify, or interpret, at any time, the descriptions contained in this Bulletin. The University administration and faculty, with the concurrence of the Board of Regents and the administration of the University of Wisconsin System, also retain the right to change fees and to add, modify, or withdraw courses or degree programs at any time.

Under the provision of the Family Educational Rights and Privacy Act of 1974, a student is entitled to review any records, files, documents, and other materials defined as education records that are maintained by UW Oshkosh and are related directly to the student. A student may contact the Student Affairs Office, Dempsey 148, for further information.

The University of Wisconsin Oshkosh is committed to a policy of fairness and equal opportunity for all. A diverse student body, faculty, and staff, which reflect the variety of pluralism of society, is desired and encouraged. Moreover, equal access to benefits, programs, services, employment, and education opportunities is assured for all, without regard to sex, color, marital or parental status, race, age, national origin, religion, handicap, sexual preference, political affiliation or beliefs, and arrest or conviction record (except prescribed by law), ancestry, creed, or sexual orientation. Inquiries regarding University compliance with equal opportunity/affirmative action laws and regulations may be directed to the University Director of Affirmative Action, 920-424-0330.

UW OSHKOSH

Winter Weather Advisory

920-424-0000

UW Oshkosh has an automated telephone line for timely information concerning class cancellations for winter weather-related conditions. Make note to call **920-424-0000** for the latest information. Please note that the University only rarely suspends classes for weather-related conditions. Students should be aware that some faculty and instructional academic staff provide information specific to their courses (e.g., including such information as arrangements for making up any canceled sessions).

In addition to notifying radio and television stations, the University's official web site (<http://www.uwosh.edu>) will also post notices of weather-related news.

Graduate Studies at the University of Wisconsin Oshkosh

Students interested in furthering their education are encouraged to consider graduate studies at the University of Wisconsin Oshkosh. The master's degree programs, certificates, post-master's programs and graduate courses available are fully described in the Graduate Studies Bulletin.

The Bulletin is on the web at: <http://www.uwosh.edu/gradstudies/bulletins>.

Also, undergraduate students who are certified by an undergraduate examiner to be within 9 units (crs.) of graduation and who meet other Graduate Studies admission requirements may request permission to enroll in some graduate courses as a final term senior during the term in which their baccalaureate degree will be awarded.

Chemical Exposure

Certain courses and research projects require that students work with chemicals while engaging in academic studies. Many of these chemicals may be hazardous to your health. Instructors of these courses and research projects must inform and train students on procedures that will maintain the students' personal health and safety and provide them with information on the hazards of specific chemicals that will be used during their course of study. Furthermore, instructors must enforce and follow safety policies. Prior to use of hazardous materials and equipment, students shall review the procedures and information, and discuss any associated concerns with the instructor.

Contact: Environmental Health and Safety Department - Dempsey Hall 232A

Phone: 920-424-1191

On the Web: <http://www.uwosh.edu/safety/index.html>

UW Oshkosh Calendar 2011-2013

The University of Wisconsin Oshkosh calendar makes it possible for students to choose the type and length of course they prefer. The 17-week fall and spring semesters are divided into terms of 14, 7 and 3 weeks. The majority of courses are offered during a 14-week period, but many are held for double hours during the first seven weeks and some for double hours during the second seven. Intensive courses are offered during the last three weeks of the term. This calendar is designed to allow students more choice in selecting their schedules and to encourage the development of the participation in new educational alternatives. Students thereby enrich their total university experience with opportunities to take more courses in a term, if they wish to, and dramatically shorten the time required for graduation.

Among the special features designed into the University of Wisconsin Oshkosh calendar are:
Choices of courses offered for fourteen-, seven- or three-week periods within each total seventeen-week fall and spring term.

Choices as to the number of courses to carry at any one time and still take a full load, during either a fourteen-week or full seventeen-week period.

Choices to begin and finish courses at different times during the year to conform to work schedules, vacation plans, field studies or other personal preferences.

An additional feature permits enrollment in an eight-week or either of two, four-week summer terms.

TENTATIVE 2011-2013 CALENDAR

Fall Semester 2011			
Day	Month	Date	Action
Tuesday	September	06	Faculty/Student Orientation & Academic Advisement/Registration
Wednesday	September	07	Classes begin 14-week and 1st 7-week terms
Tuesday	October	25	End of 1st 7-week term
Wednesday	October	26	Classes begin 2nd 7-week term
Wednesday	November	23	Thanksgiving recess Note: Recess begins after evening classes on November 22nd.
Monday	November	28	Classes resume
Friday	December	16	End of 14- and 2nd 7-week terms
Saturday	December	17	COMMENCEMENT CEREMONY
*Tuesday	January	3, 2012	Classes begin 3-week term
Monday	January	16	Legal holiday, Martin Luther King, Jr. Day--no classes
Friday	January	20	End of 3-week and 17-week terms - Official Graduation Date
*Fall Interim, classes will meet on January 3, 4, 5, 6, 7 (Saturday); 9, 10, 11, 12, 13; 17, 18, 19, 20.			

Spring Semester 2012			
Day	Month	Date	Action
Friday	January	27	Faculty/Student Orientation & Academic Advisement/Registration
Monday	January	30	Classes begin 14- and 1st 7-week terms

Friday	March	16	End of 1st 7-week term
Sunday	March	18	Spring recess begins
Monday	March	26	Classes resume and 2nd 7-week classes begin
Friday	May	11	End of 14- and 2nd 7-week term
Saturday	May	12	COMMENCEMENT CEREMONY
*Monday	May	14	Classes begin 3-week term
Monday	May	28	Legal holiday, Memorial Day - no classes
Friday	June	01	End of 3-week and 17-week terms - Official Graduation Date
*Spring Interim, classes will meet on May 14, 15, 16, 17, 18; 21, 22, 23, 24, 25; 29, 30, 31, June 1.			

Summer Session 2012

Day	Month	Date	Action
Monday	June	11	Classes begin
Wednesday	July	04	Legal Holiday for July 4, Independence Day - no classes
Friday	July	06	End of 1st 4-week term
Monday	July	09	Classes begin 2nd 4-week
Friday	August	03	8-week and 2nd 4-week terms end - Official Graduation Date

Fall Semester 2012

Day	Month	Date	Action
Tuesday	September	04	Faculty/Student Orientation & Academic Advisement/Registration
Wednesday	September	05	Classes begin 14- and 1st 7-week terms
Tuesday	October	23	End of 1st 7-week
Wednesday	October	24	Classes begin 2nd 7-week
Wednesday	November	21	Thanksgiving recess Note: Recess begins after evening classes on November 20th.
Monday	November	26	Classes resume
Friday	December	14	End of 14- and 2nd 7-week terms
Saturday	December	15	COMMENCEMENT CEREMONY
*Wednesday	January	2, 2013	Classes begin 3-week term
Friday	January	18	End of 3-week and 17-week terms - Official Graduation Date
*Fall Interim classes will meet on January 2, 3, 4, 5 (Saturday); 7, 8, 9, 10, 11; 14, 15, 16, 17, 18.			

Spring Semester 2013

Day	Month	Date	Action
Friday	January	25	Faculty/Student Orientation & Academic Advisement/Registration
Monday	January	28	Classes begin 14- and 1st 7-week terms
Friday	March	15	End of 1st 7-week term

Sunday	March	17	Spring recess begins
Monday	March	25	Classes resume and 2nd 7-week classes begin
Friday	May	10	End of 14- and 7-week term
Saturday	May	11	COMMENCEMENT CEREMONY
*Monday	May	13	Classes begin 3-week term
Monday	May	27	Legal holiday, Memorial Day - no classes
Friday	May	31	End of 3-week and 17-week terms - Official Graduation Date
*Spring Interim: Classes will meet on May 13, 14, 15, 16, 17; 20, 21, 22, 23, 24; 28, 29, 30, 31.			

Summer Session 2013			
Day	Month	Date	Action
Monday	June	10	Classes begin
Thursday	July	04	Legal Holiday for July 4, Independence Day - no classes
Friday	July	05	End of 1st 4-week term
Monday	July	08	Classes begin 2nd 4-week
Friday	August	02	8-week and 2nd 4-week terms end - Official Graduation Date

The Calendar is subject to change without notice. For current details, refer to the Academic Calendar that is linked to the Provost's Web page - <http://www.uwosh.edu/provost/>

Academic Administration

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University of Wisconsin System

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University of Wisconsin Oshkosh

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Kenneth L. Splittgerber	Executive Director, Information Technology
Patrick J. Wilkinson	Director, Library
Gregory B. Wypisznyski	Director, Graduate Studies

Academic Policies

I. ADMISSION POLICIES (for undergraduate first-year students, reentry students, transfer students and special students)

A. Admission for First-Year Students

A first year student is one who has not earned any transferable college credit after high school graduation. (an applicant who earns college transferable credit while simultaneously enrolled as a high school student is considered a first-year student.) Students may apply for admission for the fall term starting on September 15th during the year prior to the desired fall term for entrance. High school seniors and others are encouraged to apply during the fall term or as early as possible after that time. Applications will be accepted until the first-year class is full or until the start of the fall term whichever comes sooner. Late applications will be processed only as time and space allow.

1. Steps for admission (steps and fees subject to change upon University of Wisconsin System Board of Regents)

a. Application-All applicants must submit the UW System application available at www.apply.wisconsin.edu. Use of the on-line application is highly encouraged, but a paper application may be requested from the UW Oshkosh Admissions Office (Dempsey Hall 135) or downloaded and printed from the on-line application site.

b. High School Transcript or GED/HSED test scores-All applicants must submit official high school transcripts. In the event that the applicant has successfully completed the Graduation Equivalency Diploma (GED) or High School Equivalency Diploma (HSED), a copy of the test scores and official copies of any partial high school transcripts must also be submitted. Home school students must submit official transcripts from all home school and traditional high schools attended.

c. ACT/SAT I test scores-All upcoming and recent high school graduates must submit their ACT (American College Testing Program) or SAT I (College Board) test results. There is no preference given to either testing instrument. However, in addition to the 5 national ACT test dates given once in October, December, February, April and June individuals may also take the ACT exam at the UW Oshkosh testing center during the other months. To contact the UW Oshkosh testing center call 920-424-1432.

d. \$44 application fee-All applicants applying as a first-year, degree-seeking student must submit a \$44 application fee. The fee may be waived for applicants with demonstrated financial need. (e.g. Applicant qualifies for free or reduced lunch program or, in the case of nontraditional students, provides verification of unemployment, or an official letter or form from a support organization such as Workforce Development, DVR, or Social Services illustrating financial need.

2. Admission guidelines (guidelines subject to change on an annual basis)

The Admission Decision

Applicants for admission are provided a comprehensive review. Determinants for admission include a number of academic and non-academic factors. Among the academic factors considered are a rigorous college preparatory curriculum that includes and ideally exceeds the minimum course preparation outlined below, cumulative grade point average, college preparatory grade point average, high school class rank and test scores for either the ACT or the SAT. Nonacademic factors include, but are not limited to, leadership experiences, community service, motivation and life circumstances that will positively contribute to the University's

strength and reflect its mission and values. Applicants are encouraged to provide documentation that supports consideration for admission, including their own personal statement and letters of recommendation from individuals who can speak directly to the applicant's ability to succeed academically.

Academic Factors

Academic preparation and, in particular, the strength of the college preparatory coursework, are important components of any admissions decision. The course requirements listed below represent the minimum distribution expected. Most applicants will exceed this distribution.

- English 4 units
- Social Science 3 units
- Mathematics 3 units
- (Algebra, Geometry, and Algebra 2)
- Natural Science 3 units
- Additional Academic Electives 4 units
- (additional courses from above or foreign language or fine arts or computer science)

UW Oshkosh Profile of Admitted Freshmen (2010)

The following information provides a profile for admitted freshmen from 2010. Applicants may wish to use this as a benchmark to estimate the likelihood of admission. Since all applications are given a comprehensive review that takes into consideration factors already noted, the data should not be interpreted as a guarantee of admission or prediction for denial.

The information below profiles the middle 50% range, so 25% of admitted freshmen are above this range and 25% are below

Criteria	Middle 50%
Class rank	Top 17-41%
Graduating GPA	3.05-3.62
ACT Composite Score	21-24

3. Project Success

Some applicants may be eligible for admission to the University's Project Success program. Project Success is a remedial program for students with language-based learning disabilities attending the University of Wisconsin Oshkosh. Currently the program serves approximately 320 students who come from Wisconsin, the Midwest, and from as far away as New York, California and foreign countries to enter the program.

There is no charge for Project Success services during the academic year above and beyond the student's normal resident or nonresident tuition. For more information about Project Success and admissions guidelines please visit www.uwosh.edu/success.

4. Important follow up steps to admission

- Enrollment deposit—To secure a spot in the first-year student class, an admitted student must submit a \$100 enrollment deposit that is a credit toward the student's first term tuition. At the time the deposit is submitted, the admitted student also selects a class registration and orientation date. More information about this process is provided in the admission packet.
- Financial Aid—All students are encouraged to apply for financial aid. The only application necessary is the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov. The UW Oshkosh priority-filing deadline is March 15th prior to the

start of the fall term. However, students may file at any time and financial aid will be awarded to eligible students as long as funding is available. In order to submit the application, the student/parents must have filed the previous year's federal income tax forms.

- Placement testing—All first-year admits must complete the UW System placement testing for English and math prior to scheduling classes. Testing for foreign language placement is optional. Information on the testing sites, dates, registration and policies is available in February prior to the fall term.
- Housing—admitted students who have submitted the \$100 enrollment deposit will be eligible to enter the online Housing portal to search for a compatible roommate. All first-year students are guaranteed on-campus, residence hall housing. UW Oshkosh complies with the Board of Regents Housing Policy which states: “those freshmen and sophomore students who are not veterans, married or living with parents or legal guardians shall be required to live in a University-operated residence hall when such accommodations are available.” Students who have reached the age of 21 prior to the first day of classes are exempt. A \$150 housing pre-payment and housing contract must be submitted to reserve a residence hall room. The deposit is refundable (less a \$25.00 administrative fee) with a written cancellation notice provided no later than June 15.

B. Admission for Re-entry Students

Any student who has previously enrolled at the UW Oshkosh but has not been enrolled during the most recent term, must apply for re-entry admission to the University to activate their student record.

Re-entry applicants will fall into 1 of 3 categories including re-entry, re-entry from suspension, and transfer re-entry.

1. Re-entry students are those who left the University in good academic and disciplinary standing and attended no other college or university following withdrawal from UW Oshkosh. An application may be submitted on-line at www.apply.wisconsin.edu or by requesting a paper application available in the UW Oshkosh Admissions Office, Dempsey Hall 135. No application fee is required.
2. Re-entry from suspension students are those who were suspended from the University due to poor academic performance. An application may be submitted on-line at www.apply.wisconsin.edu or by requesting a paper application available in the UW Oshkosh Admissions Office, Dempsey Hall 135. In addition, re-entry from suspension applicants must also submit a suspension appeals form and supporting documents. The appeals form is available in the admissions office. No application fee is required.
3. Transfer-re-entry students who left UW Oshkosh, earned college credit elsewhere at one or more colleges or universities after leaving UW Oshkosh, and now wish to return to UW Oshkosh. In addition to the application form, the applicant must submit official transcripts from all institutions attended since last enrolled at UW Oshkosh. No application fee is required.

Important follow up steps to admission

- **Enrollment deposit**—A \$100 enrollment deposit is required in order to be assigned a class registration date. The deposit is a credit applied to the first term tuition. It is refundable with a written cancellation notice received no later than July 1 for the fall term and December 1 for the spring term.

- **Class registration**—Re-entry students are assigned a class registration date comparable to their continuing student counterparts who have earned a similar number of credits. Class registration is done on-line using Titan Web from any location.
- **Academic Advising**—Although re-entry students are not required to meet with an academic advisor, it is critical that students who are basing their current degree status on academic courses taken more than 10 years ago do so. The advisor will be able to 1) determine if the content of prerequisite courses or required courses in the major have changed enough that they do not meet current requirements, and 2) help the student identify how to meet the current requirements. These steps allow the student to be successful in upper-level courses and in working in a profession. Information about academic advising for re-entry students is provided at the time of admission.
- **Financial Aid**—All students are encouraged to apply for financial aid. The only application necessary is the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov. The UW Oshkosh priority-filing deadline is March 15th prior to the start of the fall term. However, students may file at any time and financial aid will be awarded to eligible students as long as funding is available. In order to submit the FAFSA application, the student/parents must have filed the previous year's federal income tax forms.
- **Housing**—Housing—admitted students who have submitted the \$100 enrollment deposit will be eligible to enter the online Housing portal to search for a compatible roommate. The University makes every effort to provide on-campus, residence hall housing for all admitted students. UW Oshkosh complies with the Board of Regents Housing Policy which states: "those freshmen and sophomore students who are not veterans, married or living with parents or legal guardians shall be required to live in a University-operated residence hall when such accommodations are available." Students who have reached the age of 21 prior to the first day of classes are exempt. A \$150 housing pre-payment and housing contract must be submitted to reserve a residence hall room. The deposit is refundable (less a \$25.00 administrative fee) with a written cancellation notice provided no later than June 15.

C. Admission for Transfer Students

Any student who has earned college or university credit from another institution after high school graduation must apply as a transfer student. Post-secondary institutions include two and four year colleges and universities as well as technical colleges. Students may apply for admission for the fall term starting on September 15th during the year prior to the desired fall term for entrance. Students may apply for the spring term starting on July 1 during the year prior to the desired spring term for entrance. Applications will be accepted until the transfer class is full or until the start of the term whichever comes sooner. Applications received less than two weeks prior to the start of the term will be processed as time and space allow.

1. Steps for admission

(steps and fees subject to change upon University of Wisconsin System Board of Regents)

- a. **Application**-All applicants must submit the UW System application available at www.apply.wisconsin.edu. Use of the on-line application is highly encouraged, but paper applications are available in the UW Oshkosh Admissions Office (Dempsey Hall 135) or by downloading and printing the on-line version.
- b. **Official college transcripts**-All applicants must submit official college transcripts from all colleges or universities previously attended.

c. High School Transcript or GED/HSED test scores-In the event that the applicant has not completed a minimum of 30 transferable college credits, he/she must submit official high school transcripts.

d. \$44 application fee-All applicants except those transferring directly from a two-year UW System College are required to pay a \$44 application fee.

2. Admission guidelines

(guidelines subject to change on an annual basis)

The Admission Decision for Transfer Students

Transfer applicants for admission are provided a comprehensive review. Determinants for admission include a number of academic and non-academic factors. Academic factors for admission include the academic rigor of the completed college courses, the earned number of college transfer credits, individual course grades and the collegiate cumulative grade point average. A transfer applicant's high school academic record, including curriculum, GPA, class rank and ACT or SAT score will also be considered when less than 30 semester transfer credits have been earned at the time of application. Nonacademic factors include, but are not limited to, leadership experiences, community service, motivation and life circumstances that will positively contribute to the University's strength and reflect its mission and values. Applicants are encouraged to provide documentation that supports consideration for admission, including their own personal statement and letters of recommendation from individuals who can speak directly to the applicant's ability to be academically successful.

Admission to UW Oshkosh Professional Colleges and Programs

The application to UW Oshkosh is an application for admission to the University. It does not serve as application or admission to a professional college or program that has separate and distinct admission procedures. Since admission to many UW Oshkosh programs requires a second admission process based often times on college grades, particular attention will be given to a transfer applicant's college cumulative GPA, the trend of college grades, earned number of transfer credits, desired major and rigor of coursework.

3. Important follow up steps to admission

- **Enrollment deposit**—To secure a spot in the transfer student class, an admitted student must submit a \$100 enrollment deposit that is a credit toward the student's first term tuition. At the time the deposit is submitted, the admitted student is assigned a class registration date that is based upon the cumulative number of college credits earned at the time of admission. The class registration date will coincide with that of UW Oshkosh continuing students who have earned a similar number of credits. Registration for classes is done on-line using Titan Web.
- **Academic Advising-Students are encouraged to secure an academic advising appointment following admission.** Although academic advising is not required of all students, it is required for certain majors and is highly recommended for all. Advising is also critical for students with courses taken more than 10 years ago. The advisor will be able to 1) determine if the content of prerequisite courses or required courses in the major have changed enough that they do not meet current requirements, and 2) help the student identify how to meet the current requirements. These steps allow the student to be successful in upper-level courses and in working in a profession. Information about academic advising options is provided at the time of admission. The student may also request a transfer credit report, an evaluation of transfer credits.

- **Financial Aid**—All students are encouraged to apply for financial aid. The only application necessary is the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov. The UW Oshkosh priority-filing deadline is March 15th prior to the start of the fall term. However, students may file at any time and financial aid will be awarded to eligible students as long as funding is available. In order to submit the application, the student/parents must have filed the previous year's federal income tax forms.
- **Placement testing**—Any admitted transfer student who has not already completed a college level English and math class and who has not previously taken the UW System math and English placement tests will be required to do so before enrolling in a math or English course. Placement testing for foreign language is optional.
- **Housing**—admitted students who have submitted the \$100 enrollment deposit will be eligible to enter the online Housing portal to search for a compatible roommate. The University makes every effort to provide on-campus, residence hall housing for all admitted students. UW Oshkosh complies with the Board of Regents Housing Policy which states: "those freshmen and sophomore students who are not veterans, married or living with parents or legal guardians shall be required to live in a University-operated residence hall when such accommodations are available." Students who have reached the age of 21 prior to the first day of classes are exempt. A \$150 housing pre-payment and housing contract must be submitted to reserve a residence hall room. The deposit is refundable (less a \$25.00 administrative fee) with a written cancellation notice provided no later than June 15.

4. Transfer of credits

Units/credits earned at other accredited colleges and universities are evaluated on the basis of official transcripts submitted as part of the admissions credentials. Course equivalencies are posted to the student's permanent academic record. Posted transfer courses may not meet specific major and degree requirements at UW Oshkosh. The professional college or the department housing the intended UW Oshkosh major determines how courses accepted in transfer apply to the degree and program requirements. Students transferring within the UW System are able to view transferable course equivalencies by utilizing the UW System Transfer Information System (TIS) on-line at www.uwsa.edu/tis. All UW System institutions and the Wisconsin Technical College institutions provide course-by-course detail on this web site. Grades for courses transferred to UW Oshkosh are not used in calculating the student's official UW Oshkosh grade point average. However, transfer course grades do appear on the transcript and may be used by the professional colleges and departments in determining admissibility into specific programs and majors.

The UW Oshkosh GPA will be calculated using only UW Oshkosh credits earned. For various university level honors designations students must have earned at least 60 credits at UW Oshkosh and only those grades are considered.

Students who have completed an associate degree at a University of Wisconsin two-year UW College may transfer to UW Oshkosh and receive credit for having met most General Education requirements. UW College transfer students should utilize transfer guides posted on the Admissions Office web site at: <http://admissions.uwosh.edu/transfers/> to determine general education requirements fulfilled by completion of the AAS degree. A maximum of 72 units/credits may be transferred to UW Oshkosh from any accredited two-year college.

Upon being admitted, transfer students may request a transfer credit report. The credit evaluation will provide UW Oshkosh equivalency data for all transferred courses. Upon submitting the \$100 enrollment deposit students will be able to access their Student Academic Report (STAR), a degree audit that shows how the transferred credits apply toward the particular program and degree requirements.

Students should contact the Assistant Director of Admissions-Transfer Director, at 920-424-0404 or via email at transfer@uwosh.edu, with questions about transfer of credits or to receive information to appeal a credit transfer decision.

In general, credits earned at non-accredited institutions do not transfer or apply toward program or degree requirements at UW Oshkosh. However, the student may appeal this on a course-by-course basis to the department housing the intended major. Students may also receive credit by examination (CLEP). Information about CLEP may be obtained from the Testing Center in Polk Library 3, 920-424-1401.

5. UW System/Wisconsin Technical College System (WTCS) Uniform Policy Statement on Unit/Credit Transfer

Students enrolled at a WTCS campus who wish to continue their education in the University of Wisconsin System may be eligible to transfer units/credits toward their bachelor's degree in the following ways:

- College parallel liberal arts programs at five [Wisconsin Technical College System \(WTCS\)](#) campuses ([Madison Area Technical College](#), [Milwaukee Area Technical College](#), [Nicolet Area Technical College](#), [Chippewa Valley Technical College](#), and [Western Technical College](#)) allow you to transfer up to 72 credits to UW Oshkosh.
- UW Oshkosh will transfer up to 30 credits of general education course work (communications, behavioral sciences, social sciences, mathematics, and natural sciences) from WTCS Applied Associate degree programs.
- In some cases, UW Oshkosh may also accept occupational/technical courses from specific WTCS associate degree programs. It is a good idea to be aware of transfer agreements, requirements, and policies. As a potential transfer student, you should consult advisers and admission staff well before the intended semester of transfer.
- The Bachelor of Applied Studies degree program in Leadership and Organizational Studies at UW Oshkosh recognizes in transfer most WTCS Applied Associate degrees. For information on these specific degree programs see: <http://www.uwosh.edu/lce/cnl/programs/bas-los>.
- Students transferring from the WTCS may be eligible for credit by earning appropriate scores on national standardized examinations; e.g. College Level Examination Program (CLEP).
- UW Oshkosh generally will not grant unit/credit for technical college courses taken before January 1990. Students may request exceptions through the appropriate Assistant Director of academic advising.

D. Admission of Non-Degree Seeking Students

Students not seeking to earn a baccalaureate degree at the time of enrollment in undergraduate course work are known as special students. Special students fall into a variety of different categories and circumstances including the following:

- Persons who have earned a baccalaureate degree but are not seeking a second degree or certification.
- Persons who have graduated from high school but are not seeking a degree.

- High school students who are participants in the Cooperative Academic Partnership Program (CAPP).
- High school students who are involved in the Youth Options Program (YOP).
- Other high school students who meet certain admissions eligibility requirements and have permission from their school district to enroll at UW Oshkosh as a high school special on campus.

1. Steps for admission

- Application—All applicants must submit the UW System application available at www.apply.wisconsin.edu. Use of the on-line application is highly encouraged, but a paper application may be requested from the UW Oshkosh Admissions Office (Dempsey Hall 135) or by downloading and printing the on-line version.
- Application fee—No application fee is required.
- Transcripts—Students concurrently enrolled in high school at the time of application must provide official high school transcripts. Other applicants may be required to provide transcripts upon submitting the application.
- The Admissions Office will request transcripts when they are needed.

2. Important follow up steps to admission

- The admissions notification will contain information regarding class registration.
- Special students are eligible to register shortly before the beginning of the intended term of enrollment only after all continuing and degree seeking students are eligible to do so.
- Special students are not eligible for financial aid, cannot participate in intercollegiate athletics and are not entitled to academic advising.
- Special students may live in University owned residence halls.
- Special students must re-apply for each term of enrollment. Admission is granted to special students on a term-by-term basis.

E. Academic Amnesty

Under this policy prior grades may be excluded from the computation of a student's official cumulative grade point average.

- Transfer, re-entry, or transfer/re-entry students seeking admission or readmission to UW Oshkosh who have not earned a baccalaureate degree may be eligible for exclusion of grades, not credits or courses, earned five or more years prior to their current term of admission as a degree seeking student. This policy does not apply to graduate programs.
- If a student is not eligible for admission to the University with her/his incoming GPA, the student may make formal written application to an Admissions Standards Consideration Team (ASCT) to invoke Academic Amnesty. The ASCT consists of a faculty member, an admissions officer, an academic advisor, and a Dean. The student needs to provide reasons for previous performance and information about current educational plans. The ASCT will assess the student's record and application and consult with the student to determine the course of action.

Students who are admissible to the University are eligible to apply for application of this policy no later than the end of their first semester at UW Oshkosh.

A student can apply for and receive Academic Amnesty only once. The decision of the ASCT is final. There is no appeal process.

If Academic Amnesty is granted, all courses and grades taken during an identified academic term(s) five years before admission/readmission will continue to appear on the student's record. If multiple terms are included in the granting of academic amnesty, the terms must be

continuous. If granted, the grades of all classes in that term(s) will be excluded in the official GPA. The computation of the student's official cumulative GPA will not include the excluded grades. Credit hours earned with a .67 (D-) or better may be used to satisfy degree requirements, even though they are not included in the student's official GPA. Academic Amnesty does not adjust the GPA and number of credits attempted and counted toward Satisfactory Academic Progress for financial aid.

Academic Amnesty applies to admission to the University, not to particular programs. The colleges retain ultimate authority to determine admission to the college. Likewise, colleges retain the right to limit the number of repeated courses. If, after the successful granting of an Academic Amnesty application, a student achieves eligibility for admission to a program, a college cannot reject the student's eligibility for admission.

All other University policies (for example, UW Oshkosh Repeat Policy) remain in effect and are not changed by the Academic Amnesty policy. Only the official GPA will be considered for eligibility for graduation honors.

II. DEGREES AND AREAS OF STUDY

The following degrees, majors (with emphases) and minors are offered at the University of Wisconsin Oshkosh:

A. Associate of Arts and Science Degree

The Associate of Arts and Science Degree is awarded in recognition of successful completion of the following requirements:

A minimum of 60 units (crs.)

- a) At least 30 of the 60 term units (crs.) applied to the degree must be earned in University of Wisconsin Oshkosh courses.
- b) At least 15 of the last 30 term units (crs.) must be earned in University of Wisconsin Oshkosh courses.

2.00 official grade point average

Specific course work as indicated below:

- a) 9 unit/credits of writing
 - 3 units (crs.) of entry level writing selected from: English 101, 110, 111, Writing-Based Inquiry Seminar (WBIS) 188
 - 3 units (crs.) of literature based writing courses selected from: English 210, 211, 212, 213, 214, 218, 219, 220, 221, 222, English 224/Women's Studies 224, English 225, 226, 227, 228, 231, 238, 239, 240, 243/Environmental Studies 243, 247 or Interdisciplinary Studies 245, Liberal Studies 201, 202
 - 3 units/credits of upper level writing courses selected from: English 302, 307, 309, 310, 316, 317, 318, 321, 389
- b) 3 units (crs.) of quantitative skills selected from: Problem Based Inquiry Seminar (PBIS) 187, 188, 189 or Math 109 or completion of approved higher level mathematics course.
- c) 3 units (crs.) of Communication: Communication 111
- d) 2 units (crs.) of Physical Education and Health: Kinesiology 105

Course work selected from the approved General Education course list to include:

- a) 6 units (crs.) of Humanities and Fine Arts, course work must be selected from two of the four following areas: Fine Arts; Foreign Language; Philosophy; Religious Studies; or Interdisciplinary/Women's Studies. Refer to General Education Grid.

b) 8 units (crs.) of Natural (Laboratory) Science selected from: Biology and Microbiology, Chemistry, Geography, Geology, or Physics and Astronomy. Refer to General Education Grid.

c) 9 units (credits) of Social Sciences:

- 3 units (crs) from History
- 6 units (crs.) from two of the following areas: Anthropology; Criminal Justice; Economics; Environmental Studies (some exemptions, see General Education Grid); Geography (some exemptions, see General Education Grid); History; Interdisciplinary Studies (only 102, 132, 246 apply); International Studies; Political Science; Psychology (some exemptions, see General Education Grid); Sociology (some exemptions, see General Education Grid); Social Work; Urban Planning; or Women's Studies (some exemptions, see General Education Grid)

d) 3 units (crs.) of Non-Western Culture selected from courses designated as "(NW)" in Undergraduate Bulletin

e) 3 units (crs.) of Ethnic Studies selected from courses designated as "(ES)" in Undergraduate Bulletin

Elective courses will vary from 14-20 units (crs.) to complete degree.

B. Bachelor's Degree

The Bachelor's Degree is awarded in recognition of successful completion of a minimum of 120 units (crs.) of undergraduate university work and ordinarily is completed in four years. The following degrees are awarded:

Bachelor of Applied Studies (BAS)

Bachelor of Arts (BA)

Bachelor of Business Administration (BBA)

Bachelor of Fine Arts (BFA)

Bachelor of Liberal Studies (BLS)

Bachelor of Music (BM)

Bachelor of Music Education (BME)

Bachelor of Science (BS)

Bachelor of Science in Education (BSE)

Bachelor of Science in Nursing (BSN)

Bachelor of Social Work (BSW)

The following major and minor areas of study are available in conjunction with the various Bachelor's Degrees.

C. Majors (and Emphases)

Degree

Anthropology

BA/BS

Art (Also see Fine Arts) (Studio Art)

BA/BS

Athletic Training

BS

Art

BA/BS/BFA

- (2-D Studio)
- (3-D Studio)
- Design
- Art Education

Biology

BA/BS/BSE

- (Cell/Molecular)
- (Ecology and Organismal)
- (Liberal Arts)
- (Secondary Education)
- (Healthcare-Business)
- (Healthcare-Science)

Business, College of

Accounting BBA

Economics BBA

Finance BBA

Human Resources Management BBA

Information Systems BBA

Marketing BBA

Supply Chain and Operations BBA

Management

- (Computer Science)
- (Cost Management)
- (Entrepreneurship)
- (Financial Services)
- (Healthcare Management)
- (Information Management)
- (Insurance)
- (International Management)
- (Legal Studies)
- (Production/Operations Management)
- (Real Estate)
- (Tax Planning)
- (Web Presence Management)

Chemistry BS/BSE

- (Professional)
- (Secondary Education)
- (Biochemistry)
- (Biomolecular)

Communication Studies BA/BS/BSE

- (Speech Communication Education)

Computer Science BA/BS

- (Computer Information System)
- (Computer Science)
- (Software Engineering)

Criminal Justice BA/BS

Economics	BA/BS
<ul style="list-style-type: none"> • (General) • (International) • (Quantitative) 	
Elementary Education	BSE
Elementary/Special Education (Dual)	BSE
English	BA/BS/BSE
<ul style="list-style-type: none"> • (Liberal Arts) • (Secondary Education) 	
English as a Second Language (ESL)	BSE
Environmental Health	BA/BS
Environmental Studies	BA/BS
<ul style="list-style-type: none"> • (Environmental Policy and Values) • (Environmental Science) 	
Fine Arts	BFA
<ul style="list-style-type: none"> • (2-D Studio) • (3-D Studio) • (Design) • (Art Education) 	
Fire and Emergency Response Management	BAS
French	BA/BS/BSE
<ul style="list-style-type: none"> • (Liberal Arts) • (Secondary Education) 	
Geography and Urban Planning	BA/BS/BSE
<ul style="list-style-type: none"> • (Global Insights) • (Geographic Information Systems) • (Environmental Analysis and Management) • (Secondary Education Geography) 	
Geology	BA/BS/BSE
<ul style="list-style-type: none"> • (Professional-Geology) • (Hydrogeology) • (Earth Science-Secondary Education) • (Liberal Arts) 	
German	BA/BS/BSE
<ul style="list-style-type: none"> • (Liberal Arts) • (Secondary Education) 	
History	BA/BS/BSE

Human Services Leadership	BS
Individually Planned	BA/BS
International Studies	BA/BS
<ul style="list-style-type: none"> • (General International Studies) • (International Business) • (International Development) • Global and National Security) 	
Journalism	BA/BS
<ul style="list-style-type: none"> • (Advertising) • (Media Studies) • (Public Relations) • (Visual Journalism) • (Writing/Editing) 	
Kinesiology	BS
<ul style="list-style-type: none"> • (Exercise and Fitness) • (Healthcare-Science) • (Strength and Conditioning) 	
Leadership and Organizational Studies	BAS
Liberal Studies	BLS
<ul style="list-style-type: none"> • (Organizational Administration) 	
Mathematics	BA/BS/BSE
<ul style="list-style-type: none"> • (Applied) • (Liberal Arts) • (Secondary Education) • (Statistics) 	
Medical Technology	BS
Microbiology	BA/BS
Music	BA/BM/BS
<ul style="list-style-type: none"> • (Composition) • (Instrumental Performance) • (Liberal Arts) • (Music Industry) • (Piano Performance) • (Recording Technology) • (Vocal Performance) 	
Music Education	BME
<ul style="list-style-type: none"> • (Choral) • (General Music) • (Instrumental) 	
Natural Science-Secondary Education	BSE

Nursing	BSN
<ul style="list-style-type: none"> • (Accelerated Nursing Program) • (Collaborative Nursing Program) • (Traditional Nursing Program) 	
Philosophy	BA/BS
Physics	BS/BSE
<ul style="list-style-type: none"> • (Applied) • (Physics/Engineering Dual) • (Professional) • (Secondary Education) 	
Physical Education	BSE
Political Science	BA/BS
<ul style="list-style-type: none"> • (Civic Engagement) • (Legal Studies) 	
Psychology	BA/BS
<ul style="list-style-type: none"> • (Liberal Arts) • (Healthcare-Business) • (Healthcare-Science) 	
Radio-Television-Film	BA/BS
Religious Studies	BA/BS
Social Science-Secondary Education	BSE
Social Work	BSW
Sociology	BA/BS
Spanish	BA/BS/BSE
<ul style="list-style-type: none"> • (Liberal Arts) • (Secondary Education) 	
Special Education	BSE
Theatre	BA/BS
<ul style="list-style-type: none"> • (Acting) • (Design) • (Integrated) 	
Urban Planning	BA/BS
<ul style="list-style-type: none"> • (Economic Development) • (Urban Planning) 	
Women's Studies	BA/BS

D. Minors

Adaptive Physical Education (Secondary Education/BA/BS)

African American Studies

Anthropology

Art

- (Studio)

- (History)

Bilingual Education-Hmong (Elementary/Secondary Education)
Bilingual Education-Spanish (Elementary/Secondary Education)
Biology
Business Administration
Canada-U.S. Studies
Chemistry
Civic Engagement
Communication

- (Communication Studies)
- (Organizational Communication)
- (Speech Communication Education)

Computer Science
Criminal Justice
Earth Science-Secondary Education
Economics
English

- (Creative Writing)
- (Secondary Education)
- (Linguistics)
- (Literature)
- (Rhetoric)

English as a Second Language (Elementary/Secondary Education)
Environmental Studies
French

- (Liberal Arts)
- (Elementary Education)
- (Secondary Education)

Geography

- (Liberal Arts)
- (Elementary Education)
- (Secondary Education)

Geology
German

- (Liberal Arts)
- (Elementary Education)
- (Secondary Education)

Health Education (Elementary/Secondary Education)
History

- (Liberal Arts)
- (Elementary Education)
- (Secondary Education)

Insurance and Financial Planning
International Studies

- (African Studies)
- (Asian Studies)

- (European Studies)
- (Latin American Studies)

Japanese Language and Culture

Journalism

Language Arts

- (Elementary Education)

Legal Studies (emphasis only)

Library Science

- (Elementary/Secondary Education)

Mathematics

- (Elementary and Junior High)
- (Liberal Arts)
- (Operations Research)
- (Secondary Education)
- (Statistics)

Microbiology

Military Science

Music

Music Industry

Neuroscience

Operations Research

Philosophy

- (Liberal Arts)

Physics

- (Liberal Arts)
- (Secondary Education)

Political Science

Psychology

- (Liberal Arts)
- (Secondary Education)

Public Administration

Radio-Television-Film

Reading

- (Elementary/Secondary Education)

Religious Studies

- (Liberal Arts)

Science

- (Elementary Education)

Social Justice

Social Science

- (Elementary Education)

Sociology

- (Liberal Arts)
- (Elementary Education)

Spanish

- (Liberal Arts)

- (Elementary Education)
- (Secondary Education)

Theatre

Theatre Education (Elementary Education/Secondary)

Urban and Regional Studies

Women's Studies

E. Master's and Doctoral Degrees

The Master's Degree is awarded in recognition of successful completion of approximately 30-60 credits of graduate course work by persons who have completed a Bachelor's Degree. The doctorate of nursing practice is a post-master's program requiring 28 credits. With full-time registration, these degrees are ordinarily completed in 2-3 years. The following degrees are awarded:

Master of Arts (MA)

Master of Business Administration (MBA)

Master of Public Administration (MPA)

Master of Science (MS)

Master of Science in Education (MSE)

Master of Science in Nursing (MSN)

Master of Social Work (MSW)

Doctorate of Nursing Practice (DNP)

The following are areas of academic study that award Master's or Doctoral degrees.

ACADEMIC AREA	DEGREE
Biology/Microbiology	MS
Business Administration	MBA
Professional Counseling	MSE
Curriculum and Instruction	MSE
Educational Leadership	MS
English	MA
Mathematics Education	MS
Nursing	MSN DNP
Psychology - Experimental	MS
Public Administration	MPA
Reading Education	MSE
Social Work	MSW
Special Education	MSE

Refer to the University of Wisconsin Oshkosh Graduate Studies Bulletin for comprehensive information on all graduate programs.

Final Term Seniors

A final term senior at the University of Wisconsin Oshkosh or another accredited college or university may be permitted to register for graduate course work during the term in which the baccalaureate degree will be awarded. Final term seniors must submit a statement from their undergraduate advisor certifying the requirements needed to complete the baccalaureate program. The student should have no more than nine (9) credits of undergraduate work

remaining in a semester and no more than three (3) credits of undergraduate work remaining in a summer session. To be eligible to register as a final term senior, the student must meet all requirements for full standing admission to the graduate degree program with the exception of the baccalaureate degree requirement. Final term seniors are limited to a total undergraduate and graduate load of 12 credits in a semester or six (6) credits in a summer session. Graduate credit earned in this status may apply to baccalaureate degree requirements only as allowed in approved programs. Note that graduate credits counted toward a baccalaureate degree might not be applied toward a graduate degree and will be billed at the graduate rate of tuition.

III. Undergraduate Degree Requirements

General Education

The General Education Program at the University of Wisconsin Oshkosh is designed to help all students learn to see, think about and understand human beings, human interactions, and human societies. The program prepares students to grow intellectually and to adapt to changes by suggesting how they might apply faculties of reason to come to a better understanding of their surroundings. The General Education Program helps students grow to be liberally educated persons capable of making reasoned decisions and establishes a common liberal arts based experience before the student engages in a specialized field of study.

The grid on the next several pages shows how the general education requirements at the University are linked to undergraduate degrees offered at UW Oshkosh. Students can use this tool to make decisions about courses they want to take on the basis of degree requirements and their own interests.

Category	Minimum University Requirement	Bachelor of Science (Letters & Science)	Bachelor of Arts (Letters & Science)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business	Bachelor of Science Education/B.S. Human Services	Bachelor of Science Nursing
*English Composition (EN) Writing-Based Inquiry Seminar (WBIS)	88-188, or 38-101, 110, 111	Minimum (<i>may vary according to major</i>)	Minimum (<i>may vary according to major</i>)	Minimum	Minimum (<i>may vary according to major</i>)	88-188 or 38-101 or 110	Human Services: Minimum Education: minimum (minimum B grade for Special and Dual Ed.)	Minimum (minimum C grade)
*Advanced Composition * Cumulative 2.0 or better required in composition	38-202, 302, 307, 309, 310, 316, 317, 318,	Minimum (<i>may vary according to major</i>)	Minimum (<i>may vary according to major</i>)	Minimum	Minimum	38-309 or 310	Human Services: Minimum Education: may select according to licensure level	38-316 or 389 or any from approved

	321 or 389							mini mum list
Mathematics (MA) Problem-based Inquiry Seminar (PBIS)	89-187, 188, 189; 67-109, or completion of approved higher level math	Math 104, 108 or 204 and one course from the following: 67-171, 172, 175, 201, 206, 301; 35-281; 36-210; 50-385; 86-203, 341; 92-281; 34-221, 262. Note: These courses all have math prerequisites. Please see course descriptions	Minimum (may vary according to major)	89-189; 67-201; 86-203, or 92-281	Minimum	67-204 and 67-206	Human Services: Minimum Secondary Ed.: Minimum or based on major Elementary and Dual Ed.: 67-110, 211 & 217; Special Ed.: 67-110, & 211	Minimum
Physical Ed. (PE)	79-105	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum

Category	Minimum University Requirement	Bachelor of Science (Letters & Sciences)	Bachelor of Arts (Letters & Sciences)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business Admin.	Bachelor of Science Education/ B.S. Human Services	Bachelor of Science Nursing
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		Science)	Science)					
Non-Western Culture (NW)	3 credits of one of the following: Anthropology: 21-122, 232, 318, 322, 326, 330, 338, 360; Art: 22-317; Economics: 36-319 English: 38-227, 238, 239, 240, 244, 367; Environmental Studies: 37-244; Geography: 50-102, 104, 319, 338, 347, 353; History: 57-313, 346, 347, 349, 351, 355, 359, 360, 375, 376, 377, 378, 381, 382, 383, 384; International Studies: 59-308, 309, 312; Philosophy: 76-211, 221, 223; Political Science: 84-101, 107, 311, 336, 379; Religious Studies: 87-102, 110, 202, 203, 221, 222, 240, 265, 335, 337; Women's Studies: 98-265	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum

Category	Minimum University Requirement	Bachelor of Science (Letters & Science)	Bachelor of Arts (Letters & Science)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business Administration	Bachelor of Science Education/B.S. Human Services	Bachelor of Science Nursing
Communication (Speech)	See Degree	96-111 or 112	96-111 or 112	96-111 or 112	none	96-111 or 112	96-111 or 112 (Min. C grade for Ed. Majors)	96-111 or 112
Humanities (HU)	9 credits from two areas;* choose from the following	At least 12 credits must be	At least 12 credits must be	Minimum	Minimum	Minimum	Human Services: Minimum Elementary, Special and	Minimum

list only: Literature: 38-210, 211, 212, 213, 214, 218, 219, 220, 221, 222, 224, 225, 226, 227, 228, 229, 231, 238, 239, 240, 243, 244, 247, 393; <i>Interdisciplinary Studies</i> 94-245; <i>Environ. Studies</i> 243, 244; <i>Liberal Studies:</i> 31-201, 202; Philosophy or Religious Studies: 76-101, 105, 106, 109, 110, 207, 215, 225; 87-104, 105, 106, 162, 204, 210; Fine Arts: <i>Art-</i> 22-101, 105, 109, 110, 115, 203, 243; <i>Music-</i> 73-102, 216, 218, 219, 221, 243; <i>Communication-</i> 96-101, 347; <i>Theatre</i> 97-161, 162, 243; Foreign Language: - 110, 111, 203, 204, 207, 208, 248 These courses can be used with any	taken from the Humanities area (See approved courses under Minimum Requirement). Literature course must be taken. At least one course must be taken from two of the following areas: 1) Art, Drama, Music 2) Philosophy, Religious Studies 3) Foreign Language	taken from the Humanities area (See approved courses under Minimum Requirement). Literature course must be taken. At least one course must be taken from each of the following areas: 1) Art, Drama, Music 2) Philosophy, Religious Studies. (Foreign Language may not be used as one of the areas.) In addition				Dual: 22-203; Literature: Minimum; and one course from the following: Comm 101, or Theatre 161 or 162, or Foreign Language or Music or Philosophy or Religious Studies from Minimum Requirement List. Secondary: Literature: Minimum; one course from two of the following areas (a total of two courses): Theatre 161 or 162, or Comm 101, or Art or Music; or Foreign Language; or Philosophy or Religious Studies; from the Minimum Requirement List.	
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	<p>of the following prefixes: <i>French (41), German-(43); Japanese (44) and Arabic (42) may also take 210, 211; Russian (48); Spanish (49); Arabic (42); Chinese (56).</i> *Interdisciplinary Studies: <i>Environmental Studies: 37-162, 282; Interdisciplinary Studies: 94-104, 200, 283; African Amer. Studies: 23-100; Communication: 96-316, 347; Honors 175; Liberal Studies: 31-200, 203; Religious Studies: 265; Women's Studies: 98-224, 225, 243, 265, 316, 347;</i> *Courses in this area do not apply to the two area requirement.</p>		<p>n to the University Minimum Req., Students earning a B.A. must demonstrate proficiency of a single foreign language by passing the final course in the sequence (110, 111, 203, 204) in Spanish, French, German, or Russian; or 110, 111, 210, 211 in Arabic, Chinese or Japanese) or obtain a proficiency waiver through</p>					
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			the Departm ent of Foreign Languag es and Literatur es.					
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Category	Minimum University Requirement	Bachelor of Science (Letters & Science)	Bachelor of Arts (Letters & Science)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business Admin.	Bachelor of Science Education/B.S. Human Services	Bachelor of Science Nursing
Natural Science(Laboratory) (NS)	Any two Lab Science courses (8 credits) from the following departments : Biology/Microbiology, Chemistry, Geography, Geology, Physics/Astronomy, Anthropology (only Anthropology 202).	Four courses are required: Two must be laboratory science courses from one of the following departments : Biology/Microbiology, Chemistry, Geography, Geology and Physics/Astronomy. The first course must be the prerequisite for the second. The third course must be a	Minimum (may vary according to major)	26-104, 105 or 108 and an additional four credit lab science course	Minimum	Minimum	Human Services: Minimum Education: 26-104, 105 or 108 and an additional non-Biology four credit lab science course. May vary according to major/minor.	32-101 & 102; 26-105 or 108; 211, 212, and 233

		laboratory science course from a department other than the one offering the two courses above. The fourth course must be either: a) a course for which the third course is a prerequisite, or b) a laboratory science course from a third department, or c) a course from those listed under the B.S. Math Requirement (that was not used to fulfill the Math Requirement).						
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Category	Minimum University Requirement	Bachelor of Science (Letters & Science)	Bachelor of Arts (Letters & Science)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business Administration	Bachelor of Science Education/B.S. Human Services	Bachelor of Science Nursing
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Social Science(SS)	Minimum University Requirement: (9 credits); Coursework must come from at least two of the following departments/programs: Anthropology (any course); Criminal Justice (any course); Economics (any course); Environmental Studies (any course except 162, 243, 244, 260, 282, 332, 342, 343); Geography (any course except 121, 122, 304, 335, 342, 352, and 363); History (any course); Interdisciplinary Studies only 102, 210, 235, 246; International Studies (any course); Liberal Studies only 105, 107, 108, 303, 320; Political Science (any course); Psychology only 101, 104, 110, 205, 220, 271, 291, 302, 303, 304, 324, 331, 338, 355, 390, 473, 481, 495; Public Admin. (any course); Social Work (any course); Sociology (any course except 281); Urban Studies (any course); Women's Studies (any course except 224, 225, 243, 265, 316, 324, 332, 345, 347, 371 and 391).	12 credits required: 1) Must take 3 credits from History 2) 9 additional credits from the Minimum University Requirement Social Science list with coursework coming from at least one department /program other than History.	Same as B.S.	36-106, 204 or 209, 206, or 208; 57-202 or 203; 84-105, 106, 86-101 or 104; 92-101 or 103	Minimum	36-204 and 36-206 and one course from a department/program other than Economics	Human Services: Minimum Education: 57-101, 102, 201 or 202 and two courses from two different departments from the following departments on the General Ed. Social Science list: 21-, 36-, 50-, 84 (only 101, 105, 115), 86-, 92-	86-101; two additional courses from at least one area other than Psychology
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Category	Minimum University Requirement	Bachelor of Science (Letters & Science)	Bachelor of Arts (Letters & Science)	Bachelor of Social Work	Bachelor of Fine Arts / Music	Bachelor of Business Administration	Bachelor of Science Education/B.S. Human Services	Bachelor of Science Nursing
Ethnic Studies (ES)	3 credits required from the following list: African American Studies: 23-100; Anthropology: 21-123, 312; Business: 28-295; Communication: 96-318, 347; Economics: 36-307; English: 38-218, 219, 220, 221, 222, 229, 319, 331, 361, 370, 371, 393; Geography: 50-316; History: 57-358, 363, 385; Interdisciplinary Studies: 94-210; Liberal Studies: 31-303; Music: 73-215, 218; Nursing: 74-340; Philosophy: 76-205; Political Science: 84-304; Psychology: 86-271; Religious Studies: 87-104, 105, 215, 265,	Minimum	Minimum	93-167	Minimum	Minimum	Human Services: Minimum Education: (see academic advisor)	Minimum 74-340 for 2 credits may be used to meet the full requirement if a student graduates with a BSN degree.

285; Sociology: 92-359; Social Work: 93-167; Women's Studies: 98-265, 307, 314, 347, 350, 371.							
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A. General Baccalaureate Degree Requirements

Summary of Degree Requirements Common to All Colleges

1. All baccalaureate degrees require the completion of **at least 120** earned term units (crs.) (passing grades of A, A-, B+, B, B-, C+, C, C-, D+, D, D-, or P or their equivalents). Units (crs.) from the University of Wisconsin Oshkosh, other accredited institutions, and the University of Wisconsin Oshkosh approved Prior Learning programs may be used to meet this requirement. Note: Remedial courses do not count in the 120 credits required.
2. At least 42 units (crs.) of the 120 unit (cr.) total must be earned in General Education coursework.
3. At least 30 units (crs.) of the 120 term units (crs.) applied to the degree must be earned **in University of Wisconsin Oshkosh courses**.
4. **At least 15 of the last 30 term units** (crs.) applied to the degree must be earned in the University of Wisconsin Oshkosh courses.
5. **A minimum of 35** of the 120 term units (crs.) must be earned in upper level courses (those earned at the University of Wisconsin Oshkosh numbered 300 and above or units (crs.) earned at a transfer institution and defined as upper-level by the standards of that institution).
6. All degrees require that a minimum **grade point average of 2.00** (on a 4.00 scale) be achieved in each of the following categories;
 - o official UW Oshkosh grade point average. Units (crs.) attempted shall be defined as any units (crs.) for which a grade of A, A-, B+, B, B-, C+, C, C-, D+, D, D-, or F, or their equivalents, has been assigned;
 - o all upper-level units (crs.) attempted;
 - o all units (crs.) attempted in courses identified by departments or programs as applicable to the major and/or minor requirements; (unless otherwise specified)
 - o all courses eligible for application to the English composition requirement portion of the University's General Education requirement.

NOTES: All calculations of the official grade point average will be based upon the academic record as maintained by the University of Wisconsin Oshkosh. If a course is repeated, the last grade received will be the one calculated in the grade point average. A grade of Incomplete from another institution will not be carried into the record maintained at the University of Wisconsin Oshkosh.

7. All baccalaureate degrees require the **completion of the University's General Education requirements**.

In addition, special course and grade point requirements of a particular degree, curriculum, major and/or minor selected by the student must be met.

8. The **Bulletin** used to determine these requirements must have been current during the student's attendance at the University of Wisconsin Oshkosh, or at any other regionally accredited college

or university, and may be no more than 6 years old at the time of graduation. Within this 6-year time frame, students may choose a more recent Bulletin published for degree, major, minor or general education requirements.

Exceptions to this policy include:

- Changes in policy and/or procedures made during the six-year period will automatically be effective for the transfer or readmitted student unless the policy change(s) specifically allows continuance under the old policy and/or procedures.
- When outside agencies such as the Wisconsin Department of Public Instruction (DPI) or professional accrediting agencies mandate changes in major/minor or curriculum requirements, the six-year period is not applicable.

B. Special Requirements for the Bachelor of Arts and Bachelor of Science Degrees

In addition to the general education requirements (Section III. A), students working toward either a Bachelor of Arts or Bachelor of Science degree in the College of Letters and Science are required to complete as stated below, an approved academic major; completion of an approved minor is usually optional. However, some majors require that a minor also be completed.

1. Additional Requirements for the Bachelor of Arts (BA)

- **Foreign Languages:** Students without previous foreign language preparation must complete credits of a single foreign language by passing the final course in the sequence (110, 111, 203 and 204 in Spanish, French, German, or Russian; or 110, 111, 210 and 211 in Japanese or Arabic), Chinese or a proficiency waiver through the Department of Foreign Languages and Literatures. For students with a foreign language background, a portion of this requirement may be awarded through advanced placement. See the Foreign Languages and Literatures Department for details.
- **Humanities:** At least 12 units (crs.) must be taken from the Humanities area. Of these units (crs.), at least one course must be taken from the following course areas: 1) Art, Drama, Music; 2) Literature; and 3) Philosophy, Religious Studies; and 4) Foreign Languages.
- **Social Science:** At least 12 units (crs.) must be taken from at least two of the Social Science areas. One must include 3 units (crs) of history.
- **Speech Communication:** Fundamentals of Speech Communications, Communication 111 must be completed or the oral communication competency exam must be passed. (See Communication Department for details.)

2. Additional Requirements for the Bachelor of Science (BS)

- **Mathematics/Statistics/Computer Science:**
 - Math 104* or Math 108* or Math 204

*It is possible to meet this requirement via the UW System Mathematics Placement Exam.

- One course from the following in Mathematics/Statistics/Computer Science:
 - Calculus: Mathematics 171, 172, 175, 206
 - Statistics: Mathematics 201, 301, Economics 210, Geography 385, Psychology 203, 341, Sociology 281, Criminal Justice 281
 - Computer Science: Computer Science 221, 262

Each course listed has a Mathematics course as a prerequisite. Students must complete the prerequisite course with a grade of "C" or better prior to enrolling in any of the listed courses. In some cases the prerequisite can be met via the UW System Mathematics Placement Exam.

- **Humanities:** At least 12 units (crs.) must be taken from the Humanities area. Of these units (crs.), at least one course must be taken from three of the following four course areas: 1) Art, Drama, Music; 2) Literature; and 3) Philosophy, Religious Studies; and 4) Foreign Languages.
- **Social Science:** At least 12 units (crs.) must be taken from at least two of the Social Science areas. One must include 3 units (crs) of history.
- **Speech Communication:** Either Fundamentals of Speech Communications, Communication 111, must be completed or the oral communication competency exam must be passed. (See Communication Department for details.
- **Natural Science (NS):** Four courses are required:
 - Two must be from laboratory science courses from one of the following departments: Biology/Microbiology, Chemistry, Geography, Geology, and Physics/Astronomy. The first course must be the prerequisite for the second.
 - A third course must be a laboratory science course from a department other than the one offering the two courses above.
 - The fourth course must be either: a) a course for which the third course is a prerequisite, OR b) a laboratory science course from a third department, OR c) a course from those listed under the B.S. Math Requirement (not used to fulfill the Math Requirement).

C. Specific College and Program

Baccalaureate Degree Requirements

The University offers eleven baccalaureate degrees; all degrees require a minimum of 120 units (crs.) for graduation. Specific requirements for all degrees may be obtained from this Bulletin, the appropriate College, or from an academic advisor.

Many program areas have special requirements, which must be met before students can begin a particular area of study. For example, some professional, clinical, and other sequences accept students into the program only after a period of prior academic preparation. Such programs have academic requirements for admission, which are published, either in the **Bulletin** or in a separate document available from the appropriate department.

College of Letters and Science

Students completing the baccalaureate degree with a College of Letters and Science major must complete a minimum of 35 units (crs.) of upper level course work. Also, at least 96 units (crs.) must be in Letters and Science course work. No more than 24 of the 120 units (crs.) required for graduation may be taken from professional college courses. Courses classified as "professional" for this purpose are: All nursing courses (Nursing); all education courses (Services Courses through Human Services and Counselor Education), departmental courses for teaching methods, physical education activity courses beyond 4 units (crs.), physical education majors' courses for teachers; all business courses (Business) except Business 131; mathematics courses for teaching arithmetic, Physics/Astronomy 201 (Statistics) and Physics/Astronomy 202 (Dynamics); and courses in surveying, engineering drawing (Practical Arts).

College of Education and Human Services

Students completing a baccalaureate degree with a College of Education and Human Services major must earn at least 42 units (crs.) in upper-level courses. In addition, all grade point and other requirements must be met prior to entry into Admission I, Practicum, Clinical, and

Admission II for education majors. Also, all course and grade point average requirements must be met by Human Services majors prior to entry into intermediate, and major fieldwork.

College of Nursing

Requirements must be met as published at the time of the student's application for acceptance into the nursing clinical sequence.

Center for New Learning

Some credits from technical colleges transferred to a CNL program may not transfer to other UW Oshkosh programs. Please check with your advisor for more information.

D. Second Bachelor's Degree

A graduate of the University of Wisconsin Oshkosh who wishes to complete a second and different undergraduate baccalaureate degree must:

- earn a minimum of 16 units (crs.) in residence (the units (crs.) must not have been applied to the requirements of the first degree);
- meet all specific requirements of the new degree.

Both degrees may be awarded at the same commencement ceremony.

A graduate of another accredited college or university may be awarded an undergraduate baccalaureate degree in the same or another academic area at University of Wisconsin Oshkosh by successfully completing:

- 28 weeks (e.g., two semesters) in residence on the University of Wisconsin Oshkosh campus;
- a minimum of 30 term unit (cr.) hours;
- all requirements of the degree being sought;
- The University of Wisconsin Oshkosh General Education Requirements.

NOTE: If degree is from a UW System School, general education requirements have been met.

NOTE: Completion of an additional major within the same University of Wisconsin Oshkosh baccalaureate degree will not result in the awarding of a second degree. Before embarking on a program leading to a second degree, students should contact an advisor in the Undergraduate Advising Resource Center (UARC), Student Success Center, Suite 202.

IV. COURSES, GRADES AND ACADEMIC STANDARDS

A. Interpreting Course Numbers

University of Wisconsin Oshkosh courses are designated by a subject code, which identifies the department or program offering the course, and a three-digit course catalog number. Some 300- and 400- level courses also provide graduate level unit (cr.). In these cases, two course numbers will appear; e.g., International Studies 302/502. Students enrolled in such courses for graduate unit (cr.) must meet requirements beyond those for undergraduate unit (cr.).

The subject codes are assigned to the various departments or programs according to the following key:

Dept.	Subject	STAR Codes
ANTHRO	Anthropology	21
AF AM ST	African American Studies	23
ARABIC	Arabic	42
ART	Art	22

BIOLOGY	Biology and Microbiology	26
BUSINESS	Business	28
CHEM	Chemistry	32
CHINESE	Chinese	56
CNSLR ED	Counselor Education	29
COMM	Communication	96
COMP SCI	Computer Science	34
CRIM JUS	Criminal Justice	35
ECON	Economics	36
ED FOUND	Educational Foundations	12
ED LDRSP	Educational Leadership	17
ELEM ED	Elementary Education	13
ENGLISH	English	38
ENV STDS	Environmental Studies	37
FRENCH	French	41
GEOG	Geography	50
GEOLOGY	Geology	51
GERMAN	German	43
HISTORY	History	57
HEALTH	Health	55
HUMAN SV	Human Services Leadership	18
INTRDSCP	Interdisciplinary Studies	94
INTRNT'L	International Studies	59
JAPANESE	Japanese	44
JOURNAL	Journalism	61
KINESIOL	Kinesiology	77
LIB STDS	Bachelor of Liberal Studies	31
MATH	Mathematics	67
MED TECH	Medical Technology	68
MIL SCI	Military Science	70
MPA	Master of Public Affairs	83
MUSIC	Music	73
NUR-ANP	Nursing	78
NURS-CNP	Nursing	71
NURSING	Nursing	74
PHIL	Philosophy	76
PHY/AST	Physics/Astronomy	82
PHY ED	Human Kinetics and Health Education	79
PHYS SCI	Physical Science	80
POL SCI	Political Science	84
PRAC ARTS	Practical Arts	85
PBIS	PBIS Problem-Based Inquiry Seminar	89

PSYCH	Psychology	86
PUB ADM	Public Administration	81
READING	Reading Education	15
RELSTDS	Religious Studies	87
RUSSIAN	Russian	48
SOC	Sociology	92
SEC ED	Secondary Education	14
SOC WORK	Social Work	93
SPANISH	Spanish	49
SPEC ED	Special Education	16
SRVC CRS	Service Courses in Education	11
WBIS	WBIS Writing-Based Inquiry Seminar	88
THEATRE	Theatre	97
URB/REG	Urban Planning	99
WOM STDS	Women's Studies	98

Course descriptions are found in each department's section. The course title is followed by one or two sets of numbers. The numbers in parentheses (when these appear) indicate the division of time between lecture and laboratory. The first number indicates the number of lecture or problem hours (discussion group), and the second number indicates the number of laboratory hours. The number outside the parentheses indicates the number of units (crs.) the course carries; for example, in a science course listed (3+4) 5 cr., the numbers in parentheses indicate 3 lecture hours and 4 laboratory hours. The 5 cr. indicates course units (crs.). If there is no breakdown listed, assume the course is lecture only.

Abbreviations

Designations on course titles that can be used to satisfy General Education.

(EN)	English
(ES)	Ethnic Studies
(GE)	General Education
(HU)	Humanities
(MA)	Mathematics
(NS)	Natural Science
(NW)	Non-Western
(PE)	Physical Education
(SS)	Social Science

B. Prerequisites

A number of courses have class level, college or specified course(s) as a pre-registration requirement. These prerequisites are determined by each appropriate department or college based on educational or curricular reasons. Students desiring an exemption from a course prerequisite should discuss their interests with the professor of the course in question.

C. Grade Policies

1. **Grade point averages** are calculated by dividing the number of grade points earned by the number of units (crs.) attempted. The University's grading scale changed from an 8 point scale to a 12 point scale effective Fall 2009. This does not affect grades awarded

prior to Fall 2009. Point values are related to the various letter grades as follows:

Grade Scale Effective Fall 2009

Letter Grade	Grade Points per Unit (cr.)
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F (Failure)	0.00

2.

Grade Scale Prior to Fall 2009

Letter Grade	Grade Points per Unit (cr.)
A	4.00
AB	3.50
B	3.00
BC	2.50
C	2.00
CD	1.50
D	1.00
F (Failure)	0.00

3.

4. Students transferring to the University of Wisconsin Oshkosh campus from a college or university, which has a different grading system, may calculate the grade points transferred according to the following table:

Letter Grade	Grade Points per Unit (cr.)
A	4.00
A-	3.67
AB	3.50
B+	3.33
B	3.00
B-	2.67
BC	2.50
C+	2.33

C	2.00
C-	1.67
CD	1.50
D+	1.33
D	1.00
D-	0.67
F (Failure)	0.00

5.

Grades for courses transferred to the University of Wisconsin Oshkosh are not calculated in the official grade point but may be used in calculating the student's combined (cumulative) grade point average on the Student Academic Report (STAR).

6. The transfer student's Student Academic Report (STAR) will display:

1. Transfer institution(s) course numbers and titles as transferred, units (crs.) attempted, units (crs.) earned, grades, and grade points;
2. University of Wisconsin Oshkosh course numbers and titles, units (crs.) attempted, units (crs.) earned, grades, grade points, grade point average;
3. All institutions-units (crs.) attempted, units (crs.) earned, grade points, and combined (cumulative) grade point average.

7. The Official Transcript of the transfer student will display:

1. Transfer institution(s) course numbers and titles as transferred, units (crs.) attempted, units (crs.) earned, and grades;
2. University of Wisconsin Oshkosh course numbers and titles, units (crs.) attempted, units (crs.) earned, grades, grade points and term grade point averages;
3. All institutions units (crs.) attempted, units (crs.) earned, grade points;
4. The official grade point average.

8. Several other grade designations are assigned in special circumstances. They may include the following:

1. Pass/Fail

Some University of Wisconsin Oshkosh courses are offered on a Pass/Fail basis. Units (crs.) in these courses are included as part of the term unit (cr.) load. Pass units (crs.) are recorded as units (crs.) earned but units (crs.) passed are not considered as units (crs.) attempted in computing the term and cumulative grade point averages. Grades of Failure (F) in a Pass/Fail course are considered as units (crs.) attempted in computing the term and cumulative grade point averages.

2. Incomplete (I)

The designation of Incomplete (I), is assigned when a student is unable to complete the course work because of illness, injury, or other extenuating circumstances. "I" designations may also be assigned to students in project-centered courses in which instruction is highly individualized or in individually paced courses in which the material is extensively organized and students can progress at rates determined by their abilities. In the latter case, an "I" may be assigned only if at least two-thirds of the course objectives have been accomplished within the grading period, and the student has maintained a consistent rate of progress in the course.

The student and instructor will make written arrangements allowing the Incomplete to be removed within the next 17-week term. These arrangements must be described in full on a "Work Incomplete" form (form available from each college) to be filed with the appropriate

department chairperson before the official grade is recorded.

Courses for which an Incomplete has been assigned are included as part of the term unit (cr.) load. Incomplete designations are not included in grade point computations.

NOTE: A student may not graduate from the University if an Incomplete appears on the student's transcript. In order to qualify for graduation, all incomplete grades must be recorded as a final letter grade before the official end of the term in which the student wishes to graduate. The student may request that an Incomplete be converted to an F grade in order to be allowed to graduate. **AFTER GRADUATION, NO GRADE CHANGE IS ALLOWED.**

Incomplete designations that have not been changed to appropriate course letter grades through instructor action by the last day of the following 17-week term are automatically assigned an "F". The Registrar's Office will alert both the student and the department chairperson to these impending grade assignments at least two weeks before they are made. Extensions of time must be arranged through the appropriate Department Chairperson or equivalent.

3. Audit (AU)

Students may wish to audit a course in order to learn more about a subject, which is of personal interest, and/or to prepare for future courses, which they may wish to take or be required. The signature of the instructor is required in order to register for a course for audit.

If a course is audited, the student will receive a designation of AU on their grade report and transcript. An audit is not a grade and is not calculated in a grade point average; it carries no degree unit (cr.).

Students who audit courses are expected to attend class regularly but need not take examinations or do other course work which would require evaluation by the instructor. The instructor may withdraw the student for non-attendance. Students may change the status of a course from audit to unit (cr.) during the first 20 class days of a 17- or 14- week term; during the first 10 days of 10-, 8- or 7-week term, or during the first 3 days of a 4- or 3-week term. The signature of the instructor is required to change registration of a course from audit to unit (cr.).

Students changing from unit (cr.) to audit after the first week of a term will be charged the full per unit (cr.) fee for the course.

D. Repeated Courses

Students may register to repeat courses to improve their grade(s) on a space available basis at the time they are scheduled to register. However, students should check with their advisors to find out if their major has additional regulations on course repeats.

Each course may be repeated only once. Students may appeal that restriction through the Department or College which offers the course.

Students may only repeat a course if they have received a grade lower than a C. The most recent grade awarded will be used in the computation of grade point averages and credit earned. If a student repeats a course and earns a lower grade, the lower grade will be used in the computation of grade point averages. Although grades earned at other post-secondary institutions will be included on the credit evaluation and on the official transcript, the official UW Oshkosh grade point average is not affected by grades earned elsewhere ([See Official Grade Point Policy](#)). Undergraduate courses repeated after graduation will not change the undergraduate official grade point average.

Note: Although TitanWeb will allow registration for all repeats of courses, students may only repeat courses in which they received a grade lower than a C. It is the student's responsibility to be aware of this policy and to adhere by the rules. Courses repeated with a C or higher will not

be counted in any University academic requirements and flagged as such on the transcript. Any request to repeat a course with a C or higher needs to be appealed to the appropriate college and approved before registration in the course. Students are responsible for any fees associated with repeated courses dropped due to lack of appeal.

Note: Courses that are repeatable for credit may not be repeated to improve a student's grade point average unless content is the same in both courses. Appeals must be approved prior to registering for the course.

E. Class Standing

A student's class standing is determined by successful completion of units (crs.).

Units(crs.) Earned	Class Standing
90+	Senior
60-89	Junior
30-59	Sophomore
0-29	Freshman

F. Requirements of Colleges, Departments or Professional Programs

Each college, department, or professional program may establish its own grade point average requirements for admission, retention or graduation and/or licensure, but computation of the official grade point average will be based upon UW Oshkosh courses only. The combined (cumulative) grade point, which will appear on the STAR, will include all units (crs.) attempted in all applicable courses.

G. Honors

1. Graduation Honors

a. Graduation Honors is determined by the official grade point average and whether graduation is cum laude, magna cum laude, or summa cum laude.

b. Students whose official grade point average qualifies them for graduation with honors the term before they graduate will be recognized at the Commencement Ceremony. Honors designation on transcripts will be based upon the student's completed academic record.

c. Official grade point requirements for graduation honors:

Cum Laude: 3.5 grade point average

Magna Cum Laude: 3.75 grade point average

Summa Cum Laude: 3.90 grade point average

d. A minimum of 60 units (crs.) must be earned at UW Oshkosh for a transfer student to be eligible for Graduation Honors.

College Honors-While our Undergraduate Honors policy is consistent with national and UW System honors policies, we continue to increase our transfer and articulation agreements with other universities and colleges in the region. As a result, we anticipate a growing number of students to graduate who have not accrued the 60 credits necessary to be eligible for University Honors at commencement. Therefore, the four colleges and the Center for New Learning will award College Honors to those students who have earned 30 to 59 credits at UW Oshkosh and have a 3.5 official grade point or higher. Those who have met these standards will wear a white honors cord and be asked to rise so that they can be recognized by the audience at

the Commencement ceremony. College Honors is not designated on the official transcript, only at commencement.

2. Term Honor Roll

A student who has completed a program of at least 12 Term units (crs.) hours (not including P/F courses) during that term and has received a term grade point average of 3.30 or better, with no individual course grade below "C", no grades of "I" incomplete, and no non-reported grades at the time the process is run, is placed on the University Honor Roll.

3. Dean's List

A student who has completed a program of at least 12 Term units (crs.) hours (not including P/F courses) during that term and has completed a term grade point average of 3.75 or better, with no individual term course grade below a "C", no grade of "I" incomplete, and no non-reported grades at the time the process is run, is placed on the Dean's List.

H. Graduation From the University

Students planning to graduate from the University should obtain information regarding the Application for Graduation on-line at www.uwosh.edu/registrar. The completed application must be filed with the Registrar's Office, Dempsey 130, before the end of the term preceding the term in which the student plans to graduate.

A graduation check will be completed in the Registrar's Office and mailed to the student.

Students whose records are incomplete (e.g., course incomplete, official transcripts for transfer courses not on file, grades not recorded) or who fail to meet degree requirements may be considered for graduation in a subsequent term. These students will need to file another Application for Graduation.

A student may not graduate from the University if an incomplete grade appears on the student's transcript. In order to qualify for graduation, all Incompletes must be recorded as a final letter grade before the official end of the term the student wishes to graduate. The student may request that an Incomplete be converted to a grade of F in order to be allowed to graduate. After graduation, no grade changes are allowed.

Commencement ceremonies are held in December and May at the end of each 14-week term.

Students whose graduation date is at the end of the summer term have the option of participating in the graduation ceremony of either the spring or fall commencement nearest their graduation date. A student's official graduation date will be the final day of classes of the 17-week fall or spring or 8-week summer term in which he or she completes the graduation requirements. All requirements for graduation must be completed by the final day of the term in which the student wishes to graduate.

Students may apply for and be granted their degrees at the end of a term without having been registered for course work during that term.

I. Good Standing Requirements

Students are expected to meet requirements to remain in good academic standing. Requirements involve both academic and unit (cr.) completion standards. All students enrolled for 6 or more units (crs.) are reviewed each term following completion of the 14-week term.

The official grade point average is used for determination of academic standing.

1. Academic standards

1. Maintain a minimum 2.0 official cumulative grade point average.
2. Earn a minimum of 1.0 term grade point average.
2. **Unit (cr.) completion standards**
 1. Earn a minimum of 9 units (crs.) per term if a full-time student (enrolled for 12 or more units (crs.)).
 2. Earn a minimum of 5 units (crs.) per term if a part-time student (enrolled for 6-11 units (crs.)).
 3. The unit (cr.) completion requirement must be met each term and is cumulative. Thus, a student who enrolls for 12 or more units (crs.) each term must complete the following:
 - after 1 term - at least 9 units (crs.)
 - after 2 terms - at least 18 units (crs.)
 - after 3 terms - at least 27 units (crs.)
 - after 4 terms - at least 36 units (crs.).
 4. Interim courses taken in weeks 15-17 of the fall and spring semesters are counted in this requirement.
 5. Courses taken during summer session contribute to the cumulative unit (cr.) totals but do not eliminate a prior term's failure to satisfy the unit (cr.) completion requirements.

J. Probation and Suspension Policies

Students are placed on probation or suspension following the 14-week term when they fail to satisfy the Good Standing Requirements. However, if, by the end of the 17th week of a term, additional course work has been completed and/or a grade(s) has been changed which improves the student's academic record, the status will be reviewed and adjusted appropriately. Academic probation status is determined through a review process by the appointee of all the colleges. **The Review Process includes the following:**

1. **On Probation**

A student whose record does not meet the requirements for good standing will be placed on probation in accordance with the particular requirements of the University.
2. **Suspension**

Suspension is a classification of probation resulting in the complete severance of the student from the university for at least one term and a summer session. Suspension will generally occur when:

 1. A student fails to achieve Good Standing in three consecutive semesters; or
 2. A student fails to achieve Good Standing in one or two consecutive semesters if he/she was admitted to the university as a transfer or reentry student who did not meet the Good Standing Requirements; or
 3. A student who, after having been academically suspended and allowed to continue or reenter the university, fails to meet the Good Standing Requirements; or
 4. A student who has a term grade point average below 1.00; or
 5. A student has failed to meet satisfactory academic progress standards.
3. **Notification of probation/suspension status**

Each student who has been placed on probation or suspension will be notified by email

from the Registrar's Office. For students enrolled in interim this status is subject to change.

4. **Suspension Appeals**

University suspension may be appealed if the student believes there are circumstances that warrant an appeal. Normally, such circumstances would involve situations external to the student, which prevented the achievement of minimum academic standards.

Students must document the situation with second party confirmation.

Students who are appealing need to file a Suspension Appeal. The Suspension Appeal and supporting documents (e.g. second party confirmation) must be submitted on or before the established appeal deadline to the appropriate University designee specified in the email notification. The suspension appeal decision is final.

5. **Reentry to the University after suspension**

After a term and summer session of suspension, a student may request re-admission to the University by completing the REENTRY APPLICATION, which is available from the Admission Office, Dempsey 135. **THE APPLICATION FOR REENTRY MUST BE SUBMITTED BY JULY 15 FOR THE FALL TERM AND DECEMBER 15 FOR THE SPRING TERM.** In order to be formally considered for reentry, a student must provide evidence that the problems leading to suspension have been resolved and that he/she is now prepared to be successful. Requests for reentry should only be made when one or more of the following have been accomplished:

1. UW Oshkosh "Incomplete" grades have been completed, resulting in an academic record, which meets the required grade point standards and the academic standards of the University.
2. Courses completed at another college or university (or through correspondence work), with acceptable grades and academic progress, are documented on an official transcript reentry application. Note: transfer courses will not affect the UW Oshkosh official grade point.
3. Progress has been made toward resolving personal concerns, which previously had hampered academic achievement. Written confirmation by the appropriate professional must be submitted with the reentry application (Example: medical statement).

For additional information, Contact: the Undergraduate Advising Resource Center, Phone: 920-424-1268, Student Success Center, Suite 202.

V. COURSE AND ACADEMIC POLICIES

A. Official Grade Point Policy

Starting in Fall 2007, the official UW Oshkosh grade point includes only UW Oshkosh courses. This will NOT remove any previous transfer credits posted prior to Fall 2007 from your official grade point average. This is only for transfer credits taken that newly appeared on your transcript starting in Fall 2007.

Please review the Question and Answer section located on the Registrar's web page at the following link: <http://www.uwosh.edu/registrar/policies/gradept.php> for additional information. Please see your UARC advisor for any questions.

B. Course Attendance

While attendance and punctuality are under the control of each instructor, students are expected to be present for each scheduled class session. Instructors *may* drop students from their class who do not attend the *first* session of the semester.

Note: Primary responsibility of dropping a class resides with the student.

1. Students are directly responsible to each of their instructors for attendance in each scheduled class.
2. Instructors may initiate their own policies regarding attendance; if an instructor teaches more than one section of a course, the same policy should be used for all sections.
3. Instructors are expected to announce their attendance policy to each class, but it is the responsibility of the student to know the policies of each of his/her instructors.
4. If students must be absent to participate in a group activity sponsored by the University and approved by the Vice Chancellor, the group's faculty advisor or the instructor in charge should provide a signed excuse at the request of a participating student.
5. A college dean may recommend to the instructor that a student who incurs an absence for personal reasons be excused.
6. A University physician may, at his/her discretion, recommend to the instructor that a student who incurs an absence for health reasons be excused.
7. In all cases of absence, excused or otherwise, the student is responsible for completing missed work. The instructor is not required to do extra teaching unless so assigned.
8. Students may only attend courses/sections for which they are registered.

C. Maximum Student Unit (cr.) Loads

One unit (cr.) is generally equivalent to 14 class hours of instruction (lecture) work per term (laboratory, discussion, studio and physical activity experiences normally require more time per unit (cr.).)

Recognizing that precise definitions of student unit (cr.) load are difficult to realize in all cases, the following unit (cr.) load maximums have been established for undergraduates.

17-week term	21 units (crs.)
14-week term	18 units (crs.)
7-week term	9 units (crs.)
3-week term	3 units (crs.)
8-week term	9 units (crs.)
4-week term	6 units (crs.)

In extraordinary circumstances, students may file a written request to exceed these limits.

Students should see an advisor in the Undergraduate Advising Resource Center for application for permission to schedule an overload. Final decisions on overload requests are made by the Academic Advisor or Dean's Designee.

Units (crs.) dropped after the first week may incur a cost. See Fee Table for clarification.

D. Changing a Student's Registration

ADDING A COURSE

If you add or drop courses during the 11-20th academic calendar day of the fall or spring term resulting in your having added or dropped 19 or more units (crs.) for the 17-week term, you will incur an additional tuition charge on a per unit (cr.) basis. A student may add courses as follows:

Course Length:	Course adds are allowed to the end of class day (without instructor's signature):	Course adds are allowed to the end of class day (with instructor;s signature):
14/17 weeks	5th day	20th day
7 weeks	5th day	10th day
3 weeks	2nd day	5th day
8/10 weeks	5th day	10th day
4 weeks	2nd day	5th day

A student wanting to add a course after the deadline (instructor signature required) must complete a **REQUEST FOR LATE ADD FORM** describing relevant extenuating circumstances. This form is available in the Registrar's Office, Dempsey 130, and can be completed in conjunction with the instructor of the course and your advisor. The appeal must be approved by the appropriate College Dean's Office.

DROPPING A COURSE

Course Length:	Course drops are allowed to the end of the class day:
14/17 weeks	33rd day
7 weeks	20th day
3 weeks	10th day
8/10 weeks	22nd day
4 weeks	11th day

Course drops completed during the above time periods will not be reflected on the student's transcript. Courses dropped after the deadlines may receive a grade of Withdrawal "W".

A student wanting to drop a course after the above deadlines must complete a **REQUEST FOR LATE DROP FORM** describing relevant extenuating circumstances. This form is available in the Registrar's Office, Dempsey 130, and can be completed in conjunction with the instructor of the course and your advisor. The appeal must be approved by the appropriate College Dean's Office. Students should consult the Fee/Refund Schedule for refunds and charges, as fee policy may not coincide with academic policy.

The drop policy also pertains to changes from unit (cr.) to audit.

Instructors may drop students from their class who do not attend the first session of the semester.

Note: Primary responsibility of dropping a class resides with the student.

E. Withdrawal from the University

Withdrawal is a complete severance of attendance from the University. A student may request withdrawal after the opening day of classes in any term by completing a **TERM WITHDRAWAL FORM**, available in the Registrar's Office, Dempsey 130. Withdrawal deadlines:

Course Length:	Withdrawals are allowed with advisor's signature to the end of the class day:
14/17 weeks	33rd day
7 weeks	20th day
3 weeks	10th day

8/10 weeks	22nd day
4 weeks	11th day

Students seeking to withdraw after the deadlines must complete a **TERM WITHDRAWAL FORM** for approval by the appropriate Assistant Director of Advising and Dean's Designee. Total withdrawal from the university after the late drop deadline automatically assigns W grades to all courses except completed courses for the term. If the request is not approved, grades will be placed on the student's record as assigned by instructors.

NOTE: Withdrawal does not remove the obligation for costs incurred by a student during a term. Students who have already completed a course during the term and wish to leave the University will retain the grade of the completed class (i.e. a seven-week class) and should drop the remaining courses. Total withdrawal from the University automatically assigns "W" grades to all courses, except completed courses for the term.

A student who withdraws and does not register for the following term must complete reentry procedures to return for a subsequent term.

F. 165 Excess Credit Policy

Wisconsin resident undergraduate students who have earned 165 credits (or 30 credits more than required for their degree programs, whichever is greater) will be charged a surcharge, equal to 100 percent of the regular resident tuition, on credits beyond that level. The surcharge will be applied to students in the semester following the one in which they reach the earned credit limit. This policy covers all Wisconsin resident undergraduate students pursuing their first Bachelors degree, including students pursuing a double major. Minnesota residents and non-residents, graduate, post-baccalaureate, and non-degree students are not affected. This policy applies to all credits earned at UW System and Wisconsin Technical College System transfer credits accepted toward a degree. Retroactive, AP, military, and other college transfer credits do not count toward the total.

G. Exceptions to Academic Policy

Students may request exceptions to academic policy, including but not limited to, period to add a course; period to drop a course; period to withdraw from a term; number of times a course may be repeated; maximum number of units (crs.) per term; General Education requirements; and degree requirements.

Students who want to request exceptions can work with their advisor to complete the necessary paperwork and provide supporting documentation. The decision made by the College Dean or Dean's Designee is final.

H. University Email Policy

Email is considered an official method for communicating with University of Wisconsin Oshkosh students because it delivers information in a convenient, timely, cost effective and environmentally aware manner. The University expects that email communications will be received and read by students in a timely fashion. This policy establishes the University's expectation that faculty and other University staff may routinely communicate important information to students using the University's established email system.

Email is an official method for communication at UW Oshkosh. The University may send communications to students via email. Students are responsible for the consequences of not

reading in a timely fashion University-related communications sent to their official UW Oshkosh student email account.

All students at UW Oshkosh are provided with an official UW Oshkosh student email account. This email account is the official address to which the University will send email communications. This official email address will be recorded in the University's electronic directories and records for that student.

Students are expected to check their UW Oshkosh official email account on a frequent and consistent basis in order to remain informed of University-related communications. The University recommends checking email at least twice per week. "I didn't check my email," errors in forwarding email, or email returned to the University with "mailbox full" or "user unknown" are not acceptable reasons for missing official University communications via email.

Since faculty and instructional academic staff determine how email is used in their classes, they can require students to check their email on a specific or more frequent basis. Faculty and instructional academic staff messages sent to class lists, including class lists for D2L courses, are also considered official communication.

In general, email is not appropriate for transmitting sensitive or confidential information unless it is matched by an appropriate level of security or permission. All use of email will be consistent with other University policies, including UW Oshkosh Acceptable Use of Computing Resources Policy: <http://www.acs.uwosh.edu/documentation/acceptable-use.html>). All use of email will also be consistent with local, state and federal law, including the Family Educational Rights and Privacy Act (FERPA).

Students may elect to redirect (auto forward) messages sent to their UW Oshkosh official student email account to a non-University account. Students who redirect email from their official account to a non-University account (such as AOL, Yahoo, Hotmail), however, do so at their own risk. Having email lost as a result of redirection does not absolve a student from the responsibilities associated with communication sent to her or his official email account. The University is not responsible for the handling of email by outside vendors or unofficial servers. The University provides a WebMail system, through which students from off campus can access their official UW Oshkosh email account. Instructions for the use of WebMail are available at: www.uwosh.edu/vms/webmail.

I. Electronic Submission of Grades

Students may view their grades and print grade reports using the TitanWeb Registration System. The Registrar's Office does not mail grade reports to students. If there is hesitancy on the part of the student (or third party to which the TitanWeb grade report is sent) to accept the electronic version as official, the student is advised to request an official transcript from the Registrar's Office located in Dempsey Hall 130.

Since the submission of grades by instructors and posting of grades by the Registrar's Office are processes occurring throughout the academic year, a student's grade point average may change. This is particularly true if a student repeats courses.

J. Credit for Prior Learning

The University has a Credit for Prior Learning Policy which formally recognizes course work acquired through non-formal learning. For policy requirements, please contact the college from which you are requesting credit.

K. Student Complaints Against Faculty and Academic Staff

Students who have complaints against faculty or academic staff have two procedures they may follow if the alleged misconduct is not judged serious enough to seek dismissal.

The two procedures are as follows:

1. 1. A student who believes that the staff member has violated University rules, professional ethics or performed in a way warranting disciplinary procedures, may start proceedings in a formal manner by preparing a written complaint to be submitted to the Chancellor or his designee.
2. 2. A student with a complaint about classroom treatment, grades or other matters will normally wish to seek resolution of the matter informally as follows:
 1. Meet with the staff member. Most complaints are resolved this way.
 2. Should the complaint not be resolved by this meeting, the student next meets with the staff member's supervisor.

The supervisor is in the Dean's Office in the College of Nursing and the College of Business. For the College of Letters and Science, the College of Education and Human Services, and the Graduate School, the supervisor is the Department Chairperson. In the Bachelor of Liberal Studies Program, the supervisor is the Director.
 3. The staff member's supervisor will give the student written procedures covering complaints. The supervisor will determine the facts, and try to mediate between staff member and student and resolve the complaint.
 4. Should the supervisor's efforts be unsatisfactory to the student, the written procedures provide more formal steps. The student must prepare a written complaint for a grievance committee within a specified time period. Inaction by the student at this point indicates that the complaint has been dropped.

Should the student be unsure as to the choice of procedure (1 versus 2 above), it is advisable to discuss the matter with personnel in the Dean of Students office.

L. Independent Study and Related Readings

The purpose of Independent Study is to allow a student to explore in-depth topics of scholarly interest, which are not attainable through University course work.

Related readings permit the student to pursue research usually well beyond that required in established courses. Before beginning the course, the student must present a bibliography of readings that he/she and the instructor have agreed upon and which are to be reviewed and discussed. The outcome is a research paper critiqued by the instructor.

Independent Study offerings are not to be used as a substitution for General Education requirements.

Before registering for an IS/RR course, students must obtain the proper contract form from the department, complete it, and secure all necessary signatures. Students may count no more than 12 units (crs.) in IS/RR combined toward the 120 required for graduation. General prerequisites: Junior standing (60 units (crs.)) or above, preparation in the academic area, and grade point average of 3.0 or above. Not to exceed 3 units (crs.) in any academic term.

Special Limitations for IS/RR within the various colleges:

College of Letters & Science

- Psychology 446 A maximum total of 6 units (crs.) of IS/RR and Special Problems in Psychology may be counted in meeting the minimum unit (cr.) requirements of any Psychology major or minor.
- Chemistry 446 Independent Study/Research course in Chemistry and
- Chemistry 456 Related Readings/Chemistry course maximum of 9 units (crs.)
- Art 446 (May be repeated) Independent Study/Art course - maximum of 3 units (crs.)

M. Correspondence Courses

A maximum of 16 units (crs.) earned by correspondence may be applied toward a degree at the University of Wisconsin Oshkosh. Questions concerning accreditation of another college and its correspondence course offerings should be directed to the Transfer Evaluator in the Admissions Office at University of Wisconsin Oshkosh. Upon completion of a correspondence course, the student must request that an official transcript be sent from the college offering the course to the University of Wisconsin Oshkosh.

A student who has paid full-time fees at the University of Wisconsin Oshkosh is entitled to a waiver of course fees (but not administrative fees or text costs) for University of Wisconsin Extension correspondence courses taken concurrently with full-time course work at the University of Wisconsin Oshkosh. Evidence of payment of full-time fees must be obtained from the University of Wisconsin Oshkosh Cashier's Office and included with the University of Wisconsin Extension application. If a fee waiver is desired, a student must obtain written approval from any advisor in the Undergraduate Advising Resource Center prior to taking the course.

N. Admission to Professional Programs

The professional programs within the Colleges of Education and Human Services, Nursing and Business require completion of special courses and achievement of minimum grade levels before continuation at the upper level is permitted. The following table lists those requirements. Any questions about admission to these professional programs should be directed to the appropriate college office.

ADMISSION TO PROFESSIONAL PROGRAMS				
College	Education and Human Services		Nursing	Business
Professional Programs	Elementary Education, Secondary Education, Special Education, Dual-Elementary/Special Education	Human Services Leadership (HSL)	Nursing	Business
Units (crs.) earned before admitted	40	60	45	54
Overall GPA needed	**2.75	HSL GPA of 2.50 = cum. 2.75 = major	2.75*	2.50
Special grade requirements	See COEHS (PEP) Admission requirements	See HSL Admission requirements	"C" or better in pre-nursing courses	2.20 GPA in pre-business core courses and C or better

Maximum number accepted	Limited enrollment	Not applicable	Limited enrollment	Not applicable
Clinical Internship	Admission to the college	Admission to the program	Admission to the program	Not applicable
Student Teaching/Advanced Internship	A 3.00 GPA in the major, minor, all education course work, and cumulative (combined)	Apply after completion of all HSL Core Courses with a GPA of 3.00 in HSL courses and cumulative overall GPA of 2.75.	Not applicable	Not applicable
Health Exam	Required on file for program entry	Required on file for all field experiences (TB testing only)	Required for admission (including immunization) CPR certification	Not applicable
Program Appeal for Readmission	Admission Committee	Admission Committee	Academic Standing Committee	Readmission Appeal Review Committee
Application deadline	<i>Program Entry</i> September 15 for fall term review and admission; February 15 for spring term review and admission. <i>Student Teaching</i> March 1 for fall term admission; October 1 for spring term admission	March 1 for fall and summer terms admission; October 1 for spring term admission	January 30 for fall term admission; August 30 for spring term admission	Applications are accepted during the term in which the student will complete 60 units (crs.) and the pre-business courses.

*In the event that more than the maximum students that can be accommodated meet the minimum requirements, they will be ranked in order by grade point for the selection. See College of Nursing admissions/progression policy.

May vary from term to term in the event that more than the maximum students meet the minimum requirements. Due to enrollment management, not all students who meet minimum requirements may be admitted. **Enrollment management is in effect for all teacher licensure majors. For more information **Contact:** the Professional Education Program (PEP) Office, **Phone:** 920-424-0115
Nursing Education113.

Fees & Financial Aid

Fees and Payment Information

All information pertaining to academic fees and dates may be subject to change after publication of this bulletin. It is the student's responsibility to verify the accuracy of the information before acting on it.

RESIDENCY DETERMINATION

Section 36.27 of the Wisconsin Statutes sets forth the conditions under which a student qualifies as a resident of Wisconsin for tuition purposes. Students are classified as residents or non-residents at the time of admission to the University. Non-residents are apprised of their residency status at the time of acceptance. This determination remains unchanged until such time as the student may qualify as a resident under Chapter 36.27 of the Wisconsin Statutes.

A change in residence classification is not an automatic procedure. The student requesting a change must file the necessary forms and provide satisfactory proof of bona fide residency in Wisconsin. The required forms and information can be obtained by contacting the Office of the Registrar, Dempsey Hall 130.

ESTIMATED COLLEGE COSTS

Following are the estimated average costs used for an unmarried undergraduate for the 2010-11 academic year. Students planning for the 2011-2013 academic year should include an increase in costs, depending on inflation.

	Wisconsin Resident	Non-Resident	Commuter (living with Parents)
Tuition and Fees (Estimated)	\$6,700	\$14,300	\$6,700
Books and Supplies	\$1,000	\$1,000	\$1,000
Room and Board	\$6,922	\$6,922	NA
Miscellaneous and Travel	\$2,700	\$2,700	\$2,700

TOTAL UNIVERSITY FEES

The following fee information applies to Spring 2011. When determined and released by the Board of Regents (after press time), new fee information for 2011-12 and 2012-13 will be available in the Student Accounts Office, Dempsey Hall 236. For further information, call 920-424-1332.

165 Credit Policy

Wisconsin resident undergraduate students who have earned 165 credits (or 30 credits more than required for their degree programs, whichever is greater) will be charged a surcharge, equal to 100 percent of the regular resident tuition, on credits beyond that level. The surcharge will be applied to students in the semester following the one in which they reach the earned credit limit. This policy covers all Wisconsin resident undergraduate students pursuing their first Bachelors degree, including students pursuing a double major. Minnesota residents and non-residents, graduate, post-baccalaureate, and non-degree students are not affected. This policy applies to all credits earned at UW System and Wisconsin Technical College System transfer credits accepted toward a degree. Retroactive, AP, military, and other college transfer credits do not count toward the total.

Spring 2011 Term Fees

Full-Time	Wisconsin Resident	Non-Resident
Undergraduate (12-18 units (crs.))	\$3,342.18	\$7,128.66
Graduate (9 units (crs.) and above)	\$3,954.96	\$8,840.16
Part-Time		
Undergraduate (1-12 units (crs.))	\$280.35	\$595.89
Undergraduate (over 18 units (crs.))-per unit (cr.)	\$235.78	\$551.32
Graduate (1-8 units (crs.))	\$441.22	\$984.02

Spring 2011 Audit Fees

Non-degree seeking

(Audit only)

\$108.71 approximate per unit (cr.) undergraduate resident

\$313.71 approximate per unit (cr.) undergraduate non-resident

\$167.28 approximate per unit (cr.) graduate resident

\$516.28 approximate per unit (cr.) graduate non-resident

Degree seeking

\$280.35 approximate per unit (cr.) undergraduate resident

\$595.89 approximate per unit (cr.) undergraduate non-resident

\$441.22 approximate per unit (cr.) graduate resident

\$984.02 approximate per unit (cr.) graduate non-resident

Program Fees

Please note: These prices are subject to change without notice. Please contact the appropriate college for more detailed information.

Accelerated Nursing Program..... See College of Nursing

Nursing (cost per credit)

Nursing Collaborative Program 317..... \$405.00

Nursing Collaborative Program 341..... \$405.00

Nursing Collaborative Program 434..... \$405.00

Nursing Collaborative Program 437..... \$405.00

Nursing Collaborative Program 444..... \$405.00

Nursing Collaborative Program 495..... \$405.00

Center for New Learning courses.....\$325.00 per credit

NOTES:

1. Any outstanding balance will be subject to a 1% per month finance charge assessed on the remaining balance. Paying the bill in full by the due date will assure that the 1% finance charge will not be added to the next bill. All bills must be paid in full by the final due date in order to avoid being withdrawn from the University and being assessed additional collection fees.

2. Caution: Dropping and adding classes may increase your cost. Dropped courses after the 100% refund periods are included in the total credits used for fee calculation. Course drops and

adds after the 100% refund periods do not offset each other for cost purposes; therefore, your semester cost may increase.

3. A surcharge for graduate business courses in the amount of \$30.78 per unit (cr.) up to a maximum of \$277.02 must be added to the fees displayed to determinate total cost.

4. Wisconsin residents meeting certain conditions and receiving Federal Old Age Survivors and Disability insurance benefits (OASDI) are not charged fees for auditing courses. Proof of benefits must be provided to Student Accounts, Dempsey Hall, Room 236.

5. The University does accept Wisconsin Higher Education Bonds; however, presentation of the bond(s) for redemption does not constitute payment on account. The student may be subject to all fines, penalties and administrative action. Bonds should be presented for redemption at least 45 days prior to the start of classes.

6. Additional mandatory special course fees are listed below by the respective course number.

Special Course Fees

(Non-Refundable, Subject to Change Without Notice)

Art

Most art classes have an associated special course fee assessed. Please see the "Notes" section of the class on TitanWeb, the Art Department website or the Student Account's website for a complete listing of art special course fees,

Biology

Biology 104.....	\$18.50
Biology 325.....	\$18.50
Biology 367.....	\$13.00
Biology 376.....	\$25.00
Biology 386.....	\$13.00
Biology 525.....	\$18.50
Biology 576.....	\$25.00

Business

Business 384.....	\$15.00
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Education

Educational Leadership 308/508.....	\$25.00
Educational Leadership 325.....	\$25.00
Educational Leadership 525.....	\$25.00
Educational Leadership 460.....	\$25.00
Educational Leadership 620.....	\$25.00
Educational Leadership 752.....	\$25.00
Educational Leadership 754.....	\$25.00
Educational Leadership 755.....	\$25.00
Elementary Education 316.....	\$35.00
Counselor Education 201.....	\$15.00
Counselor Education 202.....	\$30.00

Environmental Studies

Environmental Studies 282.....	\$20.00
Environmental Studies 320.....	\$30.00
Environmental Studies 395.....	\$335.00
Environmental Studies 396.....	\$275.00

Geology

Geology 102.....	\$5.00
Geology 109.....	\$5.00
Geology 110.....	\$5.00
Geology 140.....	\$5.00
Geology 150.....	\$5.00
Geology 205.....	\$10.00
Geology 206.....	\$5.00
Geology 308.....	\$25.00
Geology 309.....	\$25.00
Geology 311.....	\$25.00
Geology 314.....	\$10.00
Geology 320.....	\$10.00
Geology 322.....	\$25.00
Geology 326.....	\$10.00
Geology 328.....	\$10.00
Geology 331.....	\$25.00
Geology 333.....	\$10.00
Geology 335.....	\$5.00
Geology 365.....	\$5.00
Geology 366.....	\$5.00
Geology 369.....	\$10.00

Kinesiology

Kinesiology 104.....	\$15.00
Kinesiology 112.....	\$ 5.00
Kinesiology 114.....	\$35.00
Kinesiology 120.....	\$35.00
Kinesiology 132.....	\$10.00
Kinesiology 135.....	\$35.00
Kinesiology 138.....	\$ 5.00
Kinesiology 140.....	\$18.00
Kinesiology 144.....	\$ 5.00
Kinesiology 148.....	\$25.00
Kinesiology 180.....	\$20.00
Kinesiology 192.....	\$35.00
Kinesiology 193.....	\$35.00
Kinesiology 221.....	\$15.00
Kinesiology 224.....	\$10.00
Kinesiology 241.....	\$32.00
Kinesiology 376.....	\$30.00
Kinesiology 380.....	\$50.00
Kinesiology 393.....	\$20.00
Kinesiology 394.....	\$40.00

Music

In addition to regular academic fees, an applied music instruction fee of \$90.00 per unit (credit

hour) will be charged to all students enrolled for private lessons in vocal or instrumental music who have not registered for a large ensemble (band, choir, orchestra). This applied music fee is not assessed at the time of enrollment. This fee will be assessed by the 4th week of the term and billed on the second statement of the term.

Music 147.....	\$15.00
Music 148.....	\$15.00
Music 176.....	\$15.00
Music 214.....	\$15.00
Music 275.....	\$15.00
Music 276.....	\$15.00
Music 277.....	\$15.00
Music 305.....	\$15.00
Music 357.....	\$15.00
Music 358.....	\$15.00
Music 359.....	\$15.00
Music 375.....	\$15.00
Music 377.....	\$15.00
Music 410.....	\$15.00

Nursing

Nursing 204.....	\$164.00
Nursing 208/212.....	\$166.00
Nursing 312.....	\$164.00
Nursing 313.....	\$164.00
Nursing 314.....	\$164.00
Nursing 315.....	\$164.00
Nursing 317.....	\$164.00
Nursing 416.....	\$164.00
Nursing 418.....	\$164.00
Nursing 419.....	\$164.00
Nursing 427.....	\$164.00

Radio/TV/Film

Communication 305.....	\$30.00
Communication 434.....	\$ 5.00
Communication 307/407/487.....	\$15.00

2010-11 Food Service and Housing Information

Food Service	Cost per semester	Housing	Cost per semester
Meal Plan	Cost	Room	Cost
15 Meal Plan	\$1,212	Double	\$1,776
21 Meal Plan	\$1,285	Double Taylor	\$2,036
Titan Dollars	\$1,315	Single	\$2,458
		Single Taylor	\$2,716

Please see Dining Services for a more extensive list of meal plans. Students with 14-week contracts pay no extra charge for housing during the 3-week term. Contact Residence Life and Dining Services Offices regarding refund policies and 3-week interim contracts.

Online Fees

(Non-Refundable, Subject to Change Without Notice)

Some courses that are 100% online are assessed a \$50.00 per credit online fee. These courses, as of Spring 2011, are as follows:

Communication 101	Journalism 224	Nursing 704
Communication 426	Journalism 239	Nursing 708
Communication 433	Kinesiology 170	Nursing 711
Computer Science 125	Kinesiology 171	Nursing 809
English 213	Music 102	Political Science 105
English 218	Nursing 105	Political Science 115
English 231	Nursing 200	Psychology 101
English 302	Nursing 362	Public Administration 102
English 309	Nursing 440	Women's Studies 201
English 316	Nursing 451	
Journalism 221	Nursing 702	

Please note that some of the courses listed above are not offered online and therefore, would not be subject to an online fee.

Transcript Fee

(Subject to change)

Official transcripts are available through the Registrar's Office, Dempsey Hall 130. Cost is \$8.00 per copy (3-5 day processing) or \$10.00 per copy (same day processing). Online order information is available at: <http://www.uwosh.edu/registrar/transcripts/>. Payment is due at the time of request and the student's signature is required.

Contact: Records Office, Dempsey 130

Phone: (920) 424-1199

Web: <http://www.uwosh.edu/registrar/transcripts/>

Charges for Credit by Examination

Test fees for CLEP and DANTES exams are subject to change by the national testing companies. For current fees, contact Testing Services.

Contact: Testing Services

Phone: 920-424-1432

Library Fees

Library charges are levied for overdue and lost books.

Residence Hall Fees

Each student living in the residence halls has the opportunity to purchase a Virtual Hall Activity Card for \$25.00, which allows the resident an all-access pass to a variety of items at the hall's main desk. The activity card can be purchased by (1): filling out the form located in the mailing with your room assignment, mailing the completed form and your check for \$25 (payable to USRH) by August 1st to: Leadership Development Specialists, Department of Residence Life, 800 Algoma Blvd., Oshkosh, WI 54901 – 8689; or (2) logging into your student portal account at

portal.housing.uwosh.edu and entering your login information. The login information will be the same as your titan mail account. Once you are logged in you will need to click on the myFrontdesk tab (module) located on the top of the web page. You then need to click on the Buy Now button to purchase your activity card. The charge will be \$26, which includes a \$1.00 service fee for online ordering.

Payment Information

(Subject to change without notice)

Payment Date: Payment of fees is due on the published due date. Students on the Partial Payment Plan pay 10% of all costs at that time while all others pay 100%.

Payment Location: Payments may be made by cash or check (payable to the University of Wisconsin Oshkosh). Payments may be mailed, deposited in the wall depository next to the Cashier's Office or made in person at the Cashier's Office. Charge card payments are only accepted through TitanWeb. Accepted credit cards are MasterCard, American Express, and Discover. You can also pay by e-check through TitanWeb. There will be a convenience fee of 2.5% assessed for all credit card payments and a 50-cent charge for e-check payments. The Cashier's Office is located in Dempsey Hall 236 and the mailing address is 800 Algoma Blvd., Oshkosh, WI, 54901.

Partial Payment Plan: The Partial Payment Plan allows the student to pay in three payments. A down payment of 10% of all current fees is due on the published due date. The remaining balance is divided into two equal installments due in approximately 30-day intervals. A finance charge of 1% per month on the unpaid balance is assessed (12% per annum effective rate). A one-time application is needed for installment credit. It will remain in effect for the entire time you attend the University of Wisconsin Oshkosh. To apply for the partial payment plan you can download a copy off of our web site or contact:

Student Accounts: Dempsey Hall 236, 800 Algoma Blvd., Oshkosh, WI 54901

Office hours Monday through Friday 7:45 AM - 4:30 PM

Phone: 920-424-1332

Fee Refunds

(Subject to change without notice)

Refund of fees is based on the date of official drop or withdrawal. The refund schedule below covers academic fees and applies to withdrawing students or students dropping courses below the full-time level.

Course Length	Week of Course and % of Refund				
	1	2	3	4	5
3 Weeks	100%	25%	0	0	0
7 Weeks	100%	50%	0	0	0
10 Weeks	100%	50%	25%	0	0
14 Weeks	100%	100%	50%	50%	0
17 Weeks	100%	100%	50%	50%	0

To students who receive financial aid, federal regulations governing these programs may require a larger refund to federal funding sources than the amount specified by the refund policy. The student will be responsible for the difference. If you have any questions, contact the Student Accounts Office, Dempsey 236, or call 920-424-1332.

Federal Financial Aid Return Policy for Withdrawals*

(approximate percentages)

Prior to Term Begin	Week 1	Week 2	Week 3
100%	94%	88%	82%
Week 4	Week 5	Week 6	Week 7
76%	71%	65%	59%
Week 8	Week 9	Week 10	
53%	47%	41%	

University Refund Policy for Withdrawals**

Prior to Term	Week 1	Week 2	Week 3
Begin 100%	100%	100%	50%
Week 4	After Week 4		
50%	0%		

* The percentages reflect the percent of Financial Aid that must be returned by the University.

** The percentages reflect the percent the tuition cost will be reduced as a result of the withdrawal.

These schedules do not match; therefore, the student will owe the University the difference between the Refund percentage (**) and the Return percentage (*).

Example:

A student is enrolled in 12 credits. The fees are \$1731.35. The financial aid disbursed to pay these fees was \$2667.50 in a Stafford Loan. The student withdraws from the credits at the end of the third week, Sept 24. He has attended 21 days or 18% of the semester (21 days attended/115 days in semester) and therefore has earned 18% of the aid disbursed to him ($.18 \times \$2667.50 = \480.15). The total amount of aid to be returned is the amount disbursed less the amount earned, \$2187.35 ($\$2667.50 - \$480.15 = \2187.35). The University must calculate the portion of the total unearned aid that it must return from the students account. Since the student has earned 18%, then 82% is unearned. 82% of the University's fees are therefore unearned and \$1419.71 ($\$1731.35 \times .82 = \1419.71). The University's refund policy states that through week 3 the University will refund 50% of the tuition fees, which in this case is \$865.00. The University is required to refund \$1419.71 to the loan but the student's account only has \$865.00 in available credit. When the University returns the \$1419.71, the student will owe the University \$554.71. Refunds of campus housing and meal charges are made on a prorated basis computed weekly. Students must check out of the residence halls according to procedures available at the main desk in each hall. The check out date will be used to determine charges and refunds for housing.

Students enrolled at more than one University of Wisconsin System institution may combine units (crs.) taken in order to determine their full time status and fee assessment. Present evidence of fees paid and units (crs.) being taken with a request for reimbursement of fees paid in excess of full-time to the Student Accounts Office, Dempsey Hall 236. Call 920-424-1332 for information.

Appeals

Appeals for exception to any of the fee payment policies and procedures must be made in writing to the Student Accounts Office, Dempsey Hall 236.

Administrative Charges

(Subject to change without notice)

Board of Regents fee policy requires prompt payment of all University fees. A required administrative fee may be assessed in the following circumstances:

When payment is made after the published due date, up to \$75.00 may be assessed.

Courses may be withdrawn if fees are still outstanding after the published due date of the term. Withdrawal refers only to your registration. The amount unpaid may still be due.

Cash Handling Procedures Related to University Transactions

Normally payments of fees, room, board, special course charges, and other miscellaneous costs are made to the University of Wisconsin Oshkosh and presented to the Cashier's Office located in Dempsey Hall 236.

Payments for such items as supplies, textbooks, etc. purchased in Reeve Union or the University Bookstore are presented to cashiers in those areas.

Any questions regarding fees and fee payment should be directed to Student Accounts 920-424-1332.

FINANCIAL AID

Financial aid at the University of Wisconsin Oshkosh is awarded primarily on the basis of financial need. Need is defined as the difference between anticipated educational costs and the contribution expected from the students and their families. Parents are expected to contribute from available income and assets; students from savings and earnings. Expected parent and student contributions are computed according to the Federal Need Analysis Methodology. By completing and submitting the Free Application for Federal Student Aid (FAFSA), students and their families provide the Financial Aid Office with information necessary to evaluate the student's financial need. The University attempts to meet that need from available funds.

Applying for Financial Aid

The UW Oshkosh Financial Aid Office uses the Free Application for Federal Student Aid (FAFSA). The student may apply on the internet (www.fafsa.gov) or use the paper application, which can be requested by calling 800-4-FEDAID.

Note: For faster processing time, please apply on-line.

Applications (or renewal forms) for a given academic year should be completed and filed as soon as possible preceding the application term (See guidelines on the FAFSA).

UW Oshkosh has a priority filing date of March 15. Applications received at the national processing center by that date will receive priority processing and if eligible, the applicant can expect to receive awards from aid sources that are limited. Applications received after the priority date will be processed in the order received and awards will be based on availability of funds.

Students must also have applied for and be admitted before an award notification will be made.

Notification

Applications are processed and notification is sent as soon as possible after federal, state and local awarding formulas are determined.

The Aid Package

Financial aid applicants are evaluated for all the types of aid administered by the Financial Aid Office. It is not necessary to apply separately for each kind of aid desired. Financial aid offered to students may be in the form of grants (gifts), long-term loans, and part-time employment. The typical award is made up of one or more of the following federal or state programs.

Programs Based on Financial Need

Students must meet all of the following eligibility requirements to qualify for federal and state funds:

- demonstrate financial need
- be a US citizen or eligible non-citizen

- enroll in a degree or teacher certification program
- not owe a re-payment on a grant
- not be in default status on a loan
- meet academic progress standards
- meet Selective Service requirements
- have valid Social Security number

Federal Pell Grant

This award ranges from approximately \$555 - \$5550 and is prorated for less than 12 unit (cr.) enrollment.

Federal Supplemental Education Opportunity Grants (SEOG)

This grant is awarded to students with Pell Grant eligibility and exceptional need.

Indian Grant

This award for Native American students is funded jointly by the Federal Bureau of Indian Affairs (or contracting tribes) and the State of Wisconsin. Recipients must be at least one-fourth American Indian as certified by the appropriate Indian agency. Only residents of the State of Wisconsin can qualify for the state portion of this grant. Non-residents may qualify for the federal portion depending upon the disposition of the contracting tribe. Certification forms are available from the Financial Aid Office, tribal offices, or the Wisconsin Higher Educational Aids Board.

Wisconsin Higher Education Grant

This state grant is available to Wisconsin residents that qualify according to the formula set by the Higher Education Aids Board (HEAB). Awards ranged from approximately \$250 to \$2600.

Talent Incentive Program Grant

This state grant is awarded to freshmen students who are Wisconsin residents, meet established criteria and demonstrate exceptional financial need. It may be renewed for four years, based on financial need. Application should be made to a Wisconsin Education Opportunity Center or through nomination by the Financial Aid Office.

Non-Resident Fee Remission

This award is made to out-of-state students with financial need. Maximum value of the award may be up to the dollar difference between resident and non-resident tuition.

Lawton Undergraduate Minority Retention Grant

This University of Wisconsin System award is made to students who have reached sophomore standing and are Wisconsin or Minnesota residents who are Black, Hispanic, Native Indian or qualifying Southeast Asian.

Federal Perkins Loan

Awards are need based. Repayment and accrual of 5% annual interest begins 9 months after borrowers cease to be at least a half-time student. Repayment period up to 10 years.

Nursing Student Loan

This need-based loan is available only to students enrolled in the College of Nursing. Repayment and accrual of 5% annual interest begins 9 months after the borrower ceases to be at least a half-time student in the College of Nursing.

Federal Direct Loan (Stafford Loans)

This loan is available from the Us Department of Education. The Financial Aid Office notifies

applicants of their eligibility. Annual loan maximums begin at \$5,500 for freshmen and increase to \$7,500 starting with junior year. The cumulative loan maximum is \$31,000 for dependent students and \$57,500 for independent students.

Interest subsidy while the student is enrolled, at least half time, is available on the portion of the loan based on financial need. Loan amounts not based on financial need will have an interest charge while the student is enrolled. Repayment begins after a 6-month grace period, which starts when enrollment ceases to be at least half time.

Federal Work Study Program

This part-time employment is available to students with financial need. Most jobs are on campus with a few jobs being available at eligible non-profit off-campus agencies. Interested students should contact individual departments or check the job listings on the Financial Aid home page (www.uwosh.edu/fin_aids) or at the Financial Aid Office.

Some Other Sources of Financial Assistance

Financial need is not the primary requirement in some of the following forms of financial aid. Awards may be determined by parties other than the University of Wisconsin Oshkosh Financial Aid Office.

Federal PLUS

This loan is for parents of dependent students. It is not based on financial need; however, the loan is limited so that the student's other financial aid and this loan together do not exceed the cost of education for the term of the loan. Processing fees are charged. Repayment begins after disbursement. Interest rate is fixed (at this time). The student must apply for financial aid.

Short Term Loan

A limited amount of Short-Term ("Emergency") Loan money is available to the University of Wisconsin Oshkosh students. The maximum loan is \$50 and is to be repaid in one month or less. There is no interest charged. Continued use of the Short-Term Loan Fund by students depends upon prompt repayment of these loans.

Student Assistant Employment

This is part-time employment for students on the University of Wisconsin Oshkosh campus. No financial need analysis is required. Interested students should contact individual departments or check the job listings on the Financial Aid home page (www.uwosh.edu/fin_aids) or at the Financial Aid Office.

Food Service Employment

The franchised food service at the University of Wisconsin Oshkosh provides jobs for students. Inquiries should be directed to the manager at the commons or Food Service Office, University of Wisconsin Oshkosh.

Division of Vocational Rehabilitation

Students with physical or mental handicaps may be eligible for vocational rehabilitation benefits. Interested persons should contact D.V.R., 201 E. Washington Ave, JEF1 Room A100, P.O. Box 7852, Madison, Wisconsin 53707-7852, or the local D.V.R. office. Financial need is considered; awards are made by the respective D.V.R. offices.

High Schools and Other Community Agencies and Organizations

In most communities financial assistance for college attendance is provided by various educational, industrial, professional, and fraternal organizations. Students should check with their school counselors for further information.

International Student Scholarship

A limited number of these awards, up to the amount of non-resident tuition, are available to foreign students who have financial need. Recipients are selected by a University committee. Inquiries for new students should be directed to the Admissions Office; continuing students should contact the advisor to international students.

Minnesota - Wisconsin Reciprocity Program

This arrangement permits an eligible Minnesota resident to attend the University of Wisconsin Oshkosh and pay Minnesota resident fees. Interested Minnesota residents should write to Higher Education Coordinating Commission, 400 Capitol Square Bldg., 550 Cedar Street, St. Paul, Minnesota 55101.

Minority Teacher Forgivable Loan

The Minority Teacher Forgivable Loan is made to minority students who are in their junior or senior year of approved teacher preparation. It is limited to Wisconsin residents. A portion of the loan will be forgiven for each year spent teaching at an eligible high school.

Scholarships

University of Wisconsin Oshkosh offers non-need based scholarships including the Honors Scholarships and Minority Honor Scholarship. The Financial Aid Office has information on scholarships available to continuing students.

Scholarships are not awarded as part of a financial aid "package," but such awards, if received, are considered a student resource and may affect the amount of aid the student may receive.

Veterans Administration

Many veterans of military service are eligible for monthly benefits to attend college. Additional assistance is provided to disabled veterans. Children of deceased and disabled veterans are also eligible for benefits. Inquiries should be directed to the Regional Office of the Veterans Administration (1-888-GIBILL1) or the University of Wisconsin Oshkosh Veterans' Advisor, Dempsey Hall 146D, 920-424-1804.

Student Budgeting

Financial aid, which students receive from the University of Wisconsin Oshkosh, will complement the other resources of students in order to meet their total financial need. It will be the responsibility of aid recipients to budget all those resources with attention to the following considerations:

(1) Payment for tuition, fees, books, room, and board should take precedence over other expenditures; (2) earnings from summer and academic term employment should be spread over the entire academic term; (3) expected parental contribution should be discussed with parents in advance of the school year (In some cases a PLUS loan to replace the parental contribution may be appropriate); (4) changes in a family's financial circumstances should be reported to the Financial Aid Office; (5) the Financial Aid Office should be notified of special educational or emergency expenses of the student; (6) a student living in the residence hall should be aware that his/her budget is based upon the cost of a double room; no additional allowance is made for a student occupying a single room; (7) in choosing off-campus housing the student should keep in mind financial aid budget limitations; (8) a student should not accept a loan without full consideration of repayment obligations; and (9) the Financial Aid Office can provide financial counseling.

Further Information

It should be noted that because of the number and complexity of financial aid programs only basic descriptions of the various sources of aid can be provided here. No attempt is made to

provide a comprehensive listing of all the considerations in assessing financial need and determining eligibility for funds.

Furthermore, all guidelines for administering financial aid programs are subject to change at any time as the result of legislative action or administrative mandate from the federal and state agencies responsible for the direction of the programs.

The awarding of financial aid to students depends upon each student's eligibility and the availability of funds. If funds are exhausted, eligibility is meaningless. As funds are often insufficient to meet the need, the importance of early application cannot be overemphasized.

Contact: Financial Aid Office, Dempsey Hall 104.

Phone: 920-424-3377

E-Mail: fao@uwosh.edu

Web Site: www.uwosh.edu/fin_aids/

Academic and Student Services

ADMINISTRATIVE, EDUCATIONAL, AND SUPPORT SERVICES

Academic and Student Services

Academic and Student Services are intended to help students with their personal, academic, and vocational development, and to help them become informed, responsible decision-makers. These services are designed to complement the teaching mission of the University.

Academic Advising (UARC)

The Undergraduate Advising Resource Center (UARC) is located on the second floor of the Student Success Center. The office staff is available to serve all University undergraduate students, faculty and staff from 8:00 AM to 4:30 PM Monday through Friday twelve months a year. Hours are extended during peak periods as announced on the web page: www.uwosh.edu/advising.

All undergraduate students are assigned an advisor in the Undergraduate Advising Resource Center when they attend new student orientation. Undergraduate students are assigned a faculty advisor when they are accepted into a major or college. Graduate students are assigned an advisor from their appropriate academic program.

The advisors in the Undergraduate Advising Resource Center work with faculty from colleges and departments for the purpose of enabling students to develop academic goals and to be successful in meeting College and University requirements needed for graduation. Their responsibilities include: advising new students regarding appropriate courses consistent with their interests, skills, values, high school record, ACT results, majors/minors of interest, and academic and career objectives; advising continuing students regarding major and career options, appropriate courses based on interests, skills, values, academic and career objectives, personal goals, financial concerns, and appropriate referrals; and communication regarding overloads, late add/drops, late withdrawal from the University, course waivers/substitutions, curriculum modifications, general education requirements, major/minor/degree requirements, and graduation requirements. Advisors are responsible for administering College and University policy.

Contact: Undergraduate Advising Resource Center, Student Success Center, Suite 202

Phone: 920-424-1268

Academic Computing

Academic Computing provides computer support to students, faculty, and staff of UW Oshkosh. We provide support by maintaining: e-mail services, the UW Oshkosh Help Desk, file storage services, five general access student computer labs, web services and all university-owned computers.

Students are automatically given an e-mail account on the UW Oshkosh email server as soon as they are admitted. This e-mail account can be accessed on or off-campus using the TitanMail link or address (<http://webmail.uwosh.edu>). Faculty, advisers, and campus administrators use the assigned student e-mail address to communicate deadlines, events, and other useful information to all students. The email system also includes a web calendar. For assistance with their TitanMail account, students should contact the UW Oshkosh Help Desk.

The UW Oshkosh Help Desk is located in Dempsey 207. It is open 7:45am – 4:30pm Monday through Friday. The Help Desk relocates to Radford Lab during the Sunday and Monday of

Labor Day weekend to assist students returning to campus with password changes. The Help Desk is accessible in person, by phone at 424-3020, or via email at acshelp@uwosh.edu. Students in the Residence Halls should call ResNet/MIO at 424-0863 for assistance with the computer connection in their rooms.

The student file storage server is accessible directly from the five computer labs and through internet connection from the residence halls and off-campus. Each student is assigned a username, password and 75M of storage space on the student server. The username and password students use to access their personal server folder are the same credentials they will need to use computers in the five student computer labs. In addition, students are given 500M of storage on Titan Files, a collaborative web-based file storage system. The username and password students use to access Titan Files is the same as their TitanMail account.

The five student computer labs are located in Clow Classroom 238, Halsey Science 101, Polk Library 118, Radford basement, and Swart Hall 229. The Halsey computer lab is open 24-hours during academic terms. The over 450 computers in the labs are replaced on a 3- to 4-year cycle and include Windows, Macintosh, and Linux operating systems. Students may use the computers to assist them with any course, whether or not the course explicitly requires computer use.

Upon request students can be assigned an account and space on the UW Oshkosh web server to create their own web pages. These requests and other calls for assistance using the labs or student accounts can be made to the UW Oshkosh Help Desk, located in Dempsey 207 (acshelp@uwosh.edu or 424-3020).

Additional information, including hardware recommendations, campus wireless access locations and reduced cost software information can be found at <http://www.acs.uwosh.edu>.

Contact: Laura J. Knaapen - Dempsey 213

Phone: 920-424-2368

E-Mail: knaapen@uwosh.edu

Career Services

The Career Services Office at UW Oshkosh provides a variety of services to undergraduate and graduate students as well as to alumni. These services include Titan Jobs, job search advising, on-campus interviewing, part-time and summer job postings, on-campus postings for work-study and student assistant jobs, help in developing interviewing techniques, job referrals, job skills workshops and job fairs. There is a career resource area online with company links, career assessment and interviewing tips.

The office is located on the first floor of the Student Success Center, Suite 125, and is open Monday-Thursday from 7:45 a.m. to 6:00 p.m. or later by appointment. Friday from 7:45 a.m. to 4:30 p.m. and Saturday from 9:00 a.m. to 1:00 p.m. Hours may change during interim, summer and vacation periods. Career Services staff are here to help - stop in often!

Contact: Jaime Page-Stadler, Career Services - Student Success Center, Suite 125

Phone: 920-424-2181

E-Mail: cservice@uwosh.edu

Children's Learning and Care Center

The University of Wisconsin Oshkosh Children's Learning and Care Center offers a warm, open, educational atmosphere for your child. Activities based on *Wisconsin Model Early Learning*

Standards and Creative Curriculum in art, large and small motor development, music, science, math, language arts, block building, and dramatic play are planned around a weekly unit. Children may choose from the planned activities and/or engage in supervised free play. In collaboration with the Oshkosh Area School District the Children's Center also offers *Ready 4 Learning* four year old kindergarten.

Infants and toddlers are kept on their individual schedules for eating, napping and waking, and are exposed to an array of developmentally appropriate activities, stories, songs, finger plays, and art as well as lots of individual attention. Child Care is available for University of Wisconsin Oshkosh students, faculty, and staff children ages newborn to eight years. Ready 4 Learning also includes community children. Drop-In care is provided based on spaces available when care is requested.

The Children's Center is located on campus in Swart Hall on the corner of Algoma Blvd and Woodland Ave. Child care is available whenever classes are in session:

Two-14 week terms - M-F 7:15 - 5:20

Two-3 week interims - M-F 7:15 - 5:20

One-8 week summer term - M-R 7:15 - 4:45

Contact: Sandra Kust, Director

Phone: 920-424-0260

E-Mail: kust@uwosh.edu

Counseling Center

The Counseling Center provides free and confidential counseling services for currently enrolled UW Oshkosh students. Partners and families of currently enrolled students may be seen with them. Prospective students, UW Oshkosh Alumni, and community members may be seen for career counseling on a fee for service basis.

The Counseling Center's mission is to provide psychological services to students who strive to be more effective in their academic, vocational and personal lives, thereby advancing the educational mission of the University of Wisconsin Oshkosh. We provide a full spectrum of therapy services ranging from depression, suicide, anxiety disorders, and substance abuse to more developmental issues such as adjustment to college life, overcoming academic success barriers, and relationship concerns.

The Counseling Center also provides career counseling to assist students who are uncertain of their academic or vocational direction. A wide variety of information about occupations and educational programs is also available in the Counseling Center Library. The Center is open Monday from 8:00 AM to 7:00 PM and Tuesday through Friday from 8:00 AM to 4:30 PM, during the 14-week terms.

Contact: Counseling Center – Student Success Center, Suite 240

Phone: 920-424-2061

E-Mail: abhold@uwosh.edu

Dean of Students

The Dean of Students Office supports the educational mission of the University by providing students with a variety of programs, activities, and services which promote critical thinking, an appreciation for diversity, independent growth and life adjustment skills.

The Dean of Students Office serves as a valuable point of contact for students, faculty, and parents. We provide guidance and support to help students resolve disputes through problem solving and self-advocacy skills. We also assist students with emergency situations including medical withdrawals, emergency student contact, and assisting students when they must be away from campus. The Dean of Students Office provides leadership on campus in providing advocacy for victims of crimes, coordinates the Student At-Risk Response Team (SARRT), and partners with the Oshkosh community on the Alcohol and Other Drug Abuse Taskforce. The office also coordinates special events on campus including Odyssey Programs, Parent Programs, Homecoming, and assists in selecting speakers and award recipients for Commencement. The Dean of Students is also responsible for coordinating responses to student conduct and safety concerns on campus including violence and sexual assault and bias-motivated incidents. In addition, the Dean of Students Office advises the Student Allocations Committee, Golden Key International Honour Society, and coordinates services for students with disabilities.

Contact: Dean of Students - Dempsey Hall 125

Phone: 920-424-3100

Fax: 920-424-2405

Web Site: www.uwosh.edu/stuaff/dean/

Services for Students with Disabilities

The University has several services and auxiliary aids to increase access for students with disabilities. Students with disabilities may request reasonable accommodations by contacting the Assistant Dean of Students / Coordinator of Services for Students with Disabilities located in the Dean of Students Office in 125 Dempsey Hall. Students should register with the office at least eight weeks before classes start, but registrations may be submitted at any time. Students requesting accommodations will be required to submit necessary documentation to obtain accommodations.

Study areas with computers equipped with adaptive technology for students with visual impairments, manual dexterity difficulties, or other disabilities are located in Dempsey Hall and in Polk Library 111

The ADA Advisory Board is an advisory committee that includes students, faculty, staff, and external stakeholders. This group provides information and recommendations to meet the needs and concerns of individuals with disabilities.

Contact: Assistant Dean of Students / Coordinator of Services for Students with Disabilities – 125 Dempsey Hall

Phone: 920-424-3100

Fax: 920-424-2405

Web Site: www.uwosh.edu/stuaff/dean/disabilities-services

The Center for Academic Support and Diversity

The Center for Academic Support and Diversity (CASD) offers programs and services that support *matriculation, retention and graduation* of multicultural and qualified, first-generation, low-income and/or disabled students. Staff members in the CASD work closely with faculty,

academic departments and other campus and community partners to provide services for students by.

- integrating academic and student services programs
- ensuring that students' needs are accurately assessed and aggressively addressed
- providing a "one-stop academic support center" and
- maintaining a supportive and nurturing environment for all students

There are four departments within the CASD: Precollege Programs, Multicultural Retention Programs, Student Support Services and the Multicultural Education Center.

Multicultural Retention Programs (MRP) provides academic and student support services to assist in the enrollment, retention and graduation of multicultural students. Programs and services offered in MRP include: advising/counseling, early warning intervention, tutoring in English and mathematics, first-year student workshops, personal, career and financial aid assistance, faculty mentoring, internship placement and referrals to other academic and student support services.

PreCollege Programs provide academic and personal development courses and activities to help economically-disadvantaged middle and high school students prepare for college. Seven residential sessions of precollege programs are offered which include four, one-week and three, two-week summer sessions on campus and academic activities in the spring. Six sessions focus on science, engineering, technology and mathematics, nursing, teaching, middle school reading and mathematics, accounting and other business disciplines, while the remaining session focuses on enrichment, skill building and college preparation:

- Aspiring Pupils for Professional Leadership in Education (APPLE) – Grades 8-10
- Exploring Science, Technology & Engineering Education Majors (ESTEEM) – Grades 8-10
- Making Aspirations Turn to Honors (MATH) – Grade 11
- PreCollege Enrichment Program (PEP) – Grade 8-12
- Summer Mathematics and Reading Talent Scholars (SMARTS) – Grade 7
- Wisconsin Youth in Nursing (WYN) – Grades 10-12
- Young Entrepreneurial Scholars (YES) – Grades 10-12

Student Support Services (SSS) is a grant-funded TRIO program and receives funding through the U.S. Department of Education to promote the retention and graduation of qualified, first-generation, low-income and/or disabled students. Funded to serve 300 students, SSS provides the following services: academic advising, financial literacy, early warning intervention, career and personal counseling, learning communities (Global Citizens & STEM) as well as cultural enrichment activities.

Multicultural Education Center (MEC) located at 751 Algoma Boulevard, home of the Norma Shanebrook Multicultural Library, serves as a campus and community resource. The MRP provides staffing and supervision and advise the student organizations to sponsor programs and activities to increase the level of understanding and appreciation for cultural diversity on campus and in the community. The MEC also serves as a "home away from home" for all students, particularly multicultural and multiracial students, faculty and staff. The MEC is the umbrella for the following student organizations:

- Multicultural Education Coalition (MEC)
- Inter-Tribal Student Organization (ITSO)
- Asian Student Association (ASA)
- Black Student Union (BSU)
- Student Organization of Latinos (SOL)
- Hmong Student Union (HSU)

The MEC is also the home of the Norma Shanebrook Multicultural Library, a special resource for the University and the larger community. The collection includes books, periodicals, pamphlets and other documents. The library focuses on various cultural groups and their relationships with European American cultures. Works in the collection focus on issues of multiculturalism, diversity, cross-culture history, racism, socialization processes and education in American society.

The MEC Open House is scheduled annually on the Sunday before Labor Day. The open house provides an opportunity to showcase the MEC to first year students, parents and the campus community. It also provides an avenue to meet the CASD staff, student organization leaders and experience cultural diversity through food-presentation and cultural exhibitions.

Document Services

This center provides printing services for the production of materials related to University programs, services, and purposes. The services are also available for recognized University student groups.

Contact: Document Services – Campus Services Building Rm 126

Phone: 920-424-1122

Hours: 7:30 a.m.– 4:30 p.m.

Internships

Internships, which are administered through the individual colleges, help students gain "on-the-job" experience in their fields of study. Examples of internship possibilities include the following:

- **Accounting** students can complete internships in either the public or private sectors. These include corporate accounting, audit, or tax season internships.
- **Art** majors with a Design emphasis have the opportunity to work in the visual communications field under the direct guidance and supervision of an experienced graphic designer or illustrator. Examples of internship venues include advertising agencies, graphic design firms, in-house design departments of manufacturing companies, and/or public relations offices within an organization. Many such organizations currently exist here on campus.
- **Biology** majors studying an Ecology emphasis work with government agencies, industries, non-profit agencies, and municipalities.
- **Chemistry** students have the option of an off-campus summer experience in industrial internship positions with businesses within the state of Wisconsin.
- **Economics** students are placed with both private sector businesses and with state government agencies and municipalities in Wisconsin for a variety of internship experiences.

- **Education** majors who qualify join the staffs of Wisconsin schools offering a semester-long DPI approved position to fulfill their student teaching requirements.
- **Finance** students have several options for internships, including working in corporate finance, the insurance industry, or financial advisor positions.
- **Geography** majors with special interest in Cartography may be placed in city, county, or state agencies for the Internship in Cartography.
- **Human Resources** students gain hands-on skills through traditional HR internships at various organizations as well as management trainee internship programs.
- **Human Service Leadership** students participate in internship experiences in human service agencies.
- **Information Systems** students complete internship experiences at a variety of organizations working on network administration, software and website development, and analysis of business and data requirements.
- **Journalism** students frequently work for news organizations, websites, advertising or PR agencies, non-profit groups and other organizations or businesses that need help with publicity, event planning, writing, graphic design, advertising, social media and more.
- **Kinesiology** majors work in a variety of settings including, but not limited to, health and fitness centers, community fitness centers, medical fitness facilities, corporate health and wellness programs, cardiac rehabilitation, and strength and conditioning programs.
- **Marketing** students have a wide variety of internship experiences to choose from including corporate marketing, sales, advertising, social media, and marketing research positions.
- **Medical Technology** program requires majors to fulfill a clinical internship in a hospital laboratory during their senior year in the program.
- **Music Industry** students spend 14 weeks working in a music business or a music recording studio.
- **Nursing** students work in hospitals and health services agencies to gain clinical experience.
- **Political Science** students have a choice of internships in government, legislative, law, interest groups, parties, and other political settings.
- **Radio-TV-Film** majors are involved in a supervised professional field experience at a broadcasting or film operation, an advertising agency, or another media related enterprise.
- **Social Work** students have a required internship experience in social welfare agencies in their senior year.
- **Supply Chain & Operations Management** internships are offered in both the service and manufacturing industries. Specific positions include supervisory positions, purchasing, quality management and process improvement.
- **Urban Studies** students have an option of a work experience where students are under the direct supervision of a person engaged in some phase of urban and regional planning or management.

Nearly every academic major in the University's curriculum provides students the opportunities to apply what they have learned in an actual work setting.

Contact: The department of the major under which the internship is listed, or Career Services for additional opportunities.

Legal Services

Oshkosh Student Association retains an attorney who by appointment is available to provide legal services to students. The student staff sponsors programs throughout the year about legal rights and responsibilities.

Contact: Student Legal Services - Reeve Union SLIC 105E

Phone: 920-424-3203

Email: osa@uwosh.edu

Learning Technologies

Learning Technologies has a comprehensive range of instructional systems and technology services that support the University's multiple educational and institutional missions.

Classroom support for audiovisual equipment including computers and display is provided by three Instructional Technology Services centers located in Polk, Clow, and Halsey. Electronics Maintenance and Repair Services maintains and repairs audiovisual and other electronic equipment and also provides audio recording and sound reinforcement. The Classroom Modernization program is administered through Learning Technologies.

Learning Technologies On-line Learning Support provides instructional design for technology enhancements for face-to-face courses as well as development of fully on-line courses, and provides technical support for Desire2Learn course management system. Graphics and Presentation Design provides, graphic design and production, and the Student Presentations Lab. The Instructional Development and Authoring Lab (IDEA Lab) is a computer-based environment for faculty programs, staff training, and multimedia production. Instructional Video Services provides studio and location video production as well as post production services. Learning Technologies is responsible for operation of the university cable television network, interactive video distance education classrooms and videoconferencing.

Contact: Nick Dvoracek, Director of Learning Technologies

Phone: 920-424-7363

E-Mail: dvoracek@uwosh.edu

Web Site: <http://idea.uwosh.edu/learningtech/home.html>

Parking-Motor Vehicle Regulations

Parking on the University of Wisconsin Oshkosh campus is by permit only (except for metered spaces and pay stations). During business hours (7:45 AM to 4:30 PM) parking permits may be obtained from the Parking Services Office located in the lower level of Blackhawk Commons, from University Books & More or from 7:30 AM to 7:00 PM Monday-Thursday and 7:30 AM to 4:00 PM Friday at the Visitor Information Booth located off Algoma Boulevard, across from Reeve Memorial Union. Permits are NOT required for weekend parking from 4:30 PM on Friday to 6:00 AM on Monday (except for Disabled, Reserved or Restricted spaces). Visitors may also park in the parking ramp located on the corner of High and Osceola and use the pay-by-space machines.

Contact: Parking Services Office - Lower level, Blackhawk Commons

Phone: 920-424-4455

E-Mail: parking@pobox.uwosh.edu

Fax: 920-424-0906

Forrest R. Polk Library

Polk Library (<http://www.uwosh.edu/library/>) supports the information needs of students through a wide range of electronic information, a core collection of traditional library materials, numerous library services and several specialized collections. Traditional collections include books, journals and DVDs. The library provides access to many forms of electronic information such as full text journal articles, electronic reserves and library catalogs. Universal Borrowing is a service that allows students to request items from any UW System library and have them delivered very quickly to Polk Library for pick-up. Students use their Titan Card to check out books and use library services such as Universal Borrowing.

In Polk 101, 1st floor South, there are over 40 workstations (PC and Macs) that students can use to access the library's web site or work on projects using MS Office. There is comfortable seating space for group work and quiet study. In addition, it is a great place for students to use their laptops. Seating is arranged next to power sources for easy plug-in, and the entire building has wireless access. If students do not have a laptop, they can get one at the Check Out Desk (1st floor North).

The library is open over 95 hours a week, and during the last week of classes it is open 24 hours a day.

Contact: Polk Library

Phone: 920-424-4333

Library Hours: <http://www.uwosh.edu/library/hours.html>.

E-Mail: infodesk@uwosh.edu

Postal Services

The main campus postal operation is located in the Campus Services Bldg., 650 Witzel Ave. Students with questions related to campus mail service are welcome to stop in.

A complete postal substation is available to students and visitors at Reeve Union's Titan Central. Titan Central is open daily until 9 pm., 8 pm. Sunday. Fax, and UPS services are available at Copy This, weekdays. Intra-campus mail delivery is provided to students between residence halls and all other campus locations.

Contact: Campus Mail Service - 650 Witzel Ave

Phone: 920-424-1145

Project Success

Project Success is an academic remediation program for adults with specific language-based learning disabilities and dyslexia. These students are academically able and have determination to succeed in spite of a pronounced problem in one or more of the following areas: reading, spelling, arithmetic, writing, and/or speaking. Project Success students are mainstreamed into the regular university curriculum across all four colleges: Letters and Science, Education and Human Services, Business, and Nursing.

Dr. Robert Nash, Professor of Education and the first Director of Project Success, started the pilot program in 1979 with seven students. Today there are over 280 students. Academic

remediation has expanded to include the areas of written expression, comprehension of written and spoken language, math, and the social aspects of dyslexia. Project Success has received both national and local recognition through television, radio, and the print medium.

The goals of Project Success are:

1. That each student become academically and socially independent.
2. That each student graduate from UW Oshkosh or another post secondary educational institution.

Help offered to reach these goals includes:

1. Direct remediation of reading, spelling, and arithmetic deficiencies through the use of an adaptation of the Orton-Gillingham technique. The technique consists of direct instruction and other instructional practices that train the students across a summer program to simultaneously use their visual, auditory and kinesthetic senses in learning how to use the language's phonemic (sound) structure to read and spell. Our summer transition program is a prerequisite to the academic-year program for students who are not admitted in full standing.
2. Tutoring assistance throughout each term.
3. Understanding the effects of dyslexia upon one's life through an organized summer program which uses group dynamics and interaction to help participants come to an understanding of the social and psychological effects of dyslexia and to help them deal with those effects.

Applying to Project Success

Prospective students must send a handwritten letter expressing interest and requesting a Project Success application. Please include:

Name of applicant

Address

Telephone number

Name of parent/guardian (if applicable)

Those interested should apply no more than two years prior to desired entrance. The completed application will be placed on the active list for the desired entry date. Approximately one year before entrance, the applicant, with parent(s), will be scheduled for an assessment and personal interview.

Important:

Acceptance into Project Success does not grant acceptance into the University. Admission to the University of Wisconsin Oshkosh and acceptance into the Project Success Program is a joint but separate process. University of Wisconsin Oshkosh admissions procedures must be followed before acceptance into Project Success can be offered. The current minimum requirements for entry into the University of Wisconsin Oshkosh as a Project Success student is:

- English 3-4 years must be in regular education curriculum
- Math 3 years Algebra and higher-Algebra II
- Natural Sciences 3 years
- Social Sciences 3 years
- Academic Electives 4 years

Contact: The Office of Admissions

University of Wisconsin Oshkosh

800 Algoma Boulevard

Oshkosh, WI 54901

Phone: 920-424-0416

Contact: Project Success-Nursing/Education 26

Phone: 920-424-1033

E-Mail: wegner@uwosh.edu

Web: www.uwosh.edu/success

Reading/Study Center

The [Reading/Study Center](#) offers all students from first-year to graduate level an opportunity to improve their overall academic performance through the development of more sophisticated reading and study techniques. Assistance with time management, memory, note-taking, textbook study, test preparation, test taking, and reading speed and comprehension is available through credit courses, workshops, handouts, web links, and staff appointments.

Students are encouraged to register for any of the following credit courses:

Intrdsc. 125 Comprehensive Study Skills (1 cr.)

Intrdsc. 169 College Reading Strategies (1 cr.)

Intrdsc. 100 Developmental Reading (2 cr.)

In addition, students may choose to participate in the following Reading/Study Center programs:

- One-hour workshops on topics such as test preparation, test taking, textbook study, active learning techniques, note taking, and GRE or PPST/PRAXIS II exam preparation.
- Individual learning strategy assessment and counseling.
- Self-help resources, including learning strategy packets, lending library, and online links.

Contact: Reading/Study Center, Nursing/Education 201

Phone: 920-424-1031

E-Mail: readingstudy@uwosh.edu

Web: www.uwosh.edu/readingstudycenter

Student Health Center

The Student Health Center is located on the first floor of Radford Hall. Health care is provided to all registered students when classes are in session. Call for an appointment. Refer to the Student Health Center website for current hours. There is no cost for most routine visits, but there are nominal charges for procedures, lab tests, medications and supplies. When the Health Center is closed, students can be seen, at their own expense, by their family physician, local walk-in clinics or at one of the local emergency rooms. For emergencies, call 911 or call Mercy Medical Center Urgent Care at 920-223-0320 or Aurora Medical Group at 920-303-8700. It is recommended that all students have health insurance coverage. Information about a university recommended plan is available at the Student Health Center or on our website.

Contact: Student Health Center - Radford Hall

Phone: 920-424-2424

Web Site: www.uwosh.edu/health_center/

Study Abroad and National Student Exchange Programs

Study Abroad

Study abroad for a few weeks, one semester, or a year earning credit in almost any field while making progress toward your degree. Study in English, study in a foreign language or study a

foreign language. Participate on a full-immersion program, a partial immersion program or on a group program in over twenty-five countries. Intern abroad, too! Apply Financial Aid, scholarships and/or the G.I. Bill toward your study abroad costs (visit the OIE for related advising). Study abroad grants based on financial need are also available to eligible students.

Contact: Office of International Education, Dempsey Hall Room 146

Phone: 920-424-0775

E-Mail: oie@uwosh.edu

Web Site: <http://www.uwosh.edu/oie/>

National Student Exchange (NSE)

Study at one of approximately 170 universities and colleges in the U.S. and Canada for a semester or year in almost any field while making progress toward your degree. Pay full-time tuition to UW Oshkosh, not to the host campus, making the exchange outside the state of Wisconsin affordable. There are even opportunities to study in Spanish in Puerto Rico and in French in Quebec. Apply Financial Aid, scholarships and/or the G.I. Bill toward your NSE costs.

Contact: Office of International Education, Dempsey Hall Room 146

Phone: 920-424-0775

E-Mail: oie@uwosh.edu

Web Site: <http://www.nse.org>

International Student Admissions, Advising and English Language Support

Apply to the University of Wisconsin Oshkosh as an international student. Improve your English language skills both prior to and after entering the University. Contact us for advising on the international student admissions process and immigration issues for students on F and J visas.

Students who meet all University of Wisconsin Oshkosh admissions requirements except the English language proficiency requirement may receive conditional admission to the university. These students will complete the Intensive English Language program at UW Oshkosh or at another institution before beginning academic coursework at UW Oshkosh.

<http://www.uwosh.edu/oie/iss/intensive-english-program>

Students experiencing difficulty in coursework due to the English language may access free English language tutoring through the Center for Academic Resources (CAR).

<http://www.uwosh.edu/car>

Services and resources available to students in F-1 status through the OIE focus on immigration advising and include I-20 Endorsement, I-20 Replacement, Change of Nonimmigrant Status, Loss of F-1 Student Status/Reinstatement, Immigration and Naturalization Service Forms, Program Extension, Transfer of Schools, Change of Educational Program or Degree, Employment-related services, Optional Practical Training, Curricular Practical Training, On-campus Student Assistant, I-9 issuance, Tax Related Concerns, Social Security Number. Services and resources available to students in J-1 status through the OIE focus on immigration advising and include Health Insurance Requirement, Students Status/Reinstatement, Two-Year Home-Country Physical-Presence-Requirement (212e), IAP-66 Issuance and Information,

Employment-related services, On-campus Student Assistant, I-9 issuance, Tax Related Concerns, Social Security Number.

Contact: Office of International Education, Dempsey Hall Room 146

Phone: 920-424-0775

E-Mail: iss@uwosh.edu

Web Site: <http://www.uwosh.edu/oie/>

International Listserv

Join this listserv to receive information on international-related events & opportunities on and off campus, study abroad opportunities, scholarships for study abroad, and international-related job offerings on and off campus.

Web Site: <http://www.uwosh.edu/oie/internationallistserv.php>

Testing Services

Testing Services is located in the lower level of Polk Library Rooms 2, 3, 4 and 6. The department has two primary roles, which include testing and test scoring.

A variety of paper/pencil and computer based tests are administered by the department. These include, but are not limited to, the following examinations: The national college entrance ACT and SAT, GRE (Graduate Record Examination), LSAT (Law School Admission Test), MAT (Millers Analogies Test), NBCC (National Board of Certified Counselors), PRAXIS I/ PPST (Pre-Professional Skills Tests), PRAXIS II (Teacher Subject Assessments), and Wisconsin state regional course placement for English, Mathematics and Foreign Languages. In addition, the TOEFL (Test of English as a Foreign Language) exam is administered. The GRE, PRAXIS I (PPST), and TOEFL exams are administered only in computerized format.

Residual ACT testing is also available. Examinees should be aware that exam scores for the residual ACT have very limited acceptance outside the University of Wisconsin Oshkosh. Test scores are available immediately after testing.

The CLEP (College Level Examination Program) and DANTES DSST(Dantes Subject Standardized Tests) examinations are administered as part of the college's unit (cr.) by examination program.

The department also provides space for year round classroom, correspondence, distance education, and make-up testing. The department also provides selected vocational and professional exams leading to certification. Additional space and accommodations are available for non-standardized testing of students who meet criteria set by the Americans With Disabilities Act.

Students seeking general testing information, test registration, exam preparation, or non-standard testing accommodation information may contact the department.

Contact: Testing Services - Polk Library 4

Phone: 920-424-1432

Web site: <http://www.uwosh.edu/testing>

Cooperative Academic Partnership Program CAPP		
Course Number	Course Name	Crs.
Art 105	Understanding the Arts	3
Biology and Microbiology 105	Biological Concepts-Unity	4
Business 198	Introduction to Business	3

Chemistry 105	General Chemistry I	5
Chemistry 106	General Chemistry II	5
Communication 111	Fundamentals of Speech	3
Communication 151	Fundamentals of Radio & Television Production	3
Communication 305	Cinema Production	3
Communication 333	Radio Workshop	1
Economics 106	General Economics	3
Economics 204	Principles of Macroeconomics	3
Economics 206	Principles of Microeconomics	3
English 101	College English I	3
English 214	American Literature II	3
English 225	Modern British Literature	3
English 227	Modern World Literature	3
French 248	Fourth Sem French for CAPP	5
German 248	Fourth Sem German for CAPP	5
German 312	Advanced German Grammar	5
Japanese 248	Fourth Semester Japanese for CAPP Programs	5
Japanese 310	Advance Japanese I	5
Spanish 248	Fourth Sem Spanish for CAPP	5
Spanish 312	Advanced Spanish Grammar	5
Geography 111	Human Geography	3
Geology 102	Physical Geology	4
History 102	Modern Civilization	3
History 201	United States History Since 1877	3
History 202	Modern United States History Since 1877	3
Mathematics 171	Calculus I	4
Mathematics 172	Calculus II	4
Mathematics 273	Calculus III	4
Music 102	Theory of Music/General Student	3
Philosophy 105	Ethics	3
Philosophy 109	Intro to Philosophy	3
Physics/ Astronomy 107	General Physics I	5
Physics/ Astronomy 108	General Physics II	5
Political Science 105	American Govt/Politics	3
Political Science 115	International Politics	3

CLEP - College Level Examination Program			
Score Levels Required for Credit at the University of Wisconsin Oshkosh			
Subject Examinations	Scaled Score	CRS.	Credit Granted As
Humanities	50	6	See Coordinator of Academic Advisement (Student Success Center, 2 nd Floor)
Natural Sciences (non-lab)	50	6	

Social Sciences and History	50	6	
Chemistry	50-62	5	Chemistry 105 General Chemistry I.
Chemistry	63 and above	10	Chemistry 105 General Chemistry I and 106 General Chemistry II
General Biology	50-56	4	Elective Degree Credit in Lab Science
General Biology	57 and above	4	Biology 105 Biology Concepts-Unity
Analyzing and Interpreting Literature	50	3	Elective Credit in English
College Composition (120 min.) (50 min. M.C., 70 min. essay)	50	3	English 101 College English I (Completes lower-level WBIS requirement)
History of the United States I	49	3	History 201 US History to 1877
History of the United States II	49	3	History 202 US History Since 1877
Western Civilization I	50	3	History 101 Early Civilization
Western Civilization II	48	3	History 102 Modern Civilization
College Algebra	60	3	Math 103 Introduction to College Algebra I
College of Mathematics	50	3	Elective Credit in Math
American Government	50	3	Poli Sci 105 American Government and Politics
Introductory Psychology	50	3	Psych 101 General Psychology
Introductory Sociology	50	3	Sociology 101 Introduction to Sociology
Individuals must obtain a permission slip from Morris Hampton, Undergraduate Advising Resource Center, prior to taking any of the following Business CLEP examinations.			
Introductory Business Law	54	3	Business 321 Business Law I
Principles of Marketing	53	3	Business 371 Introduction to Marketing
College of Nursing			
Human Growth and Development	50	3	Nursing 001 Nursing I

Note: For detailed information about the CLEP program, test information, exam study guides and test registration, Please call Testing Services at 920-424-1432.

AP - COLLEGE BOARD ADVANCED PLACEMENT PROGRAM				
Score Levels Required for Credit at the University of Wisconsin Oshkosh				
Department	AP Exam	Score	CRS	Credit Granted As
Art	Art History	3, 4 or 5	3	Art 001 Elective Credit in Art
	2-D Design			Art Department will review portfolio for Art or General Elective Credit
	3-D Design			
Biology	Biology	3 or 4	3	Biology 001 Elective Credit in Biology

		5	4	Biology 105 Biological Concepts-Unity or Biology 106 Biological Concepts-Diversity
Chemistry	Chemistry	3	5	Chem 105 General Chemistry
		4 or 5	10	Chem 105 Gen Chemistry and Chemistry 106 Gen Chemistry w/Qualitative Analysis
Computer Science	Computer Science A	4 or 5	3	Comp Sci 221 Intro to Programming in C++
	Computer Science A or Computer Science AB	3	3	Comp Sci 001 Elective Credit in Computer Science
	Computer Science AB	4 or 5	7	Comp Sci 221 Introduction to Programming in C++ and Comp Sci 262 Object Oriented Programming in C++
Economics	Micro Economics	3	3	Econ 001 Elective Credit in Economics
		4 or 5	3	Econ 206 Principles of Economics I (micro)
	Macro Economics	3	3	Econ 001 Elective Credit in Economics
		4 or 5	3	Econ 204 Principles of Economics II (macro)
English	English Language and Composition	3, 4 or 5	3	English 101 College English I
	English Literature and Composition	3	3	English 225 Modern British Literature or Eng 226 Modern American Literature
		4 or 5	6	English 101 College English I and Eng 225 Modern British Literature or Eng 226 Modern American Literature.
Foreign Languages	Chinese Language and Culture	3	3	Foreign Language Elective (HU)
	Chinese Language and Culture	4	3	Foreign Language Elective (HU)-Students seeking a BA degree will have the foreign language requirement waived.
	Chinese Language and Culture	5	6	Foreign Language Elective (HU)-Students seeking a BA degree will have the foreign language requirement waived.
Foreign Languages	French Language	3	3	French 203 Intermediate Structure and Expression. Placement into French 204. If student earns a grade of B or better upon course completion, 8 additional retroactive credits are awarded for French 110 & 111.
	French Language	4	3	French 204 Intermediate Reading. Placement into French 301 Advanced Conversation. If a grade B or better is earned upon course completion, 13 additional retroactive credits awarded for French 110, 111, 203 & 208.

	French Language	5	6	French 204 Intermediate Reading and French 301 Advanced Conversation. Placement into French 304 Advanced Composition. If student earns a grade of B or better upon course completion, 13 additional retroactive credits are awarded for French 110, 111, 203 & 208. (A waiver for French-209 Vignettes Culturelles will be granted if student chooses to major or minor in foreign language and completes other requirements.)
Foreign Languages	French Literature	3	3	French 203 Intermediate Structure and Expression. Placement into French 204 Intermediate Reading. If a grade of B or better is earned upon course completion, 8 additional retroactive credits are awarded for French 110 & 111.
	French Literature	4 or 5	6	French 204 Intermediate Reading and French 301 Advanced Conversation. Placement into 300 level literature course. If a grade of B or better is earned upon course completion, 13 additional retroactive credits are awarded for French 110, 111, 203 & 208. (Waiver for French 209 Vignettes Culturelles as outlined above.)
Foreign Languages	German Language	3	3	German 203 Intermediate Structure and Expression. Placement into German 204 Intermediate Reading. If a grade of B or better is earned upon course completion, 8 additional retroactive credits are awarded for German 110 & 111.
Department	AP Exam	Score	CRS	Credit Granted As
Foreign Languages	German Language	4	3	German 204 (Placement in German 301)) If grade of B or better is earned, 13 additional retroactive credits for German 110, 111, 203 and 207 will be awarded)
		5	6	German 204 and 300 level German course (Placement in German 304) If grade of B or better is earned, 13 additional retroactive credits for German 110, 111, 203 and 207 will be awarded. Waiver of 208 if major or minor and completion.)
Foreign Languages	Italian Language and Culture	3	3	Foreign Language Elective (HU)
	Italian Language and Culture	4	3	Foreign Language Elective (HU)-Students seeking a BA degree will have the foreign language requirement waived.

	Italian Language and Culture	5	6	Foreign Language Elective (HU)-Students seeking a BA degree will have the foreign language requirement waived.
Foreign Languages	Japanese Language and Culture	3	3	Japanese 210 Intermediate Japanese I. Placement into Japanese 211 Intermediate Japanese II. If grade of B or better is earned upon course completion, 8 additional retroactive credits are awarded for Japanese 110, 111.
	Japanese Language and Culture	4	3	Japanese 211 Intermediate Japanese II. Placement into Japanese 310 Advanced Japanese I. If grade of B or better is earned upon course completion, 11 additional retroactive credits are awarded for Japanese 110, 111 and 210.
	Japanese Language and Culture	5	6	Japanese 211 Intermediate Japanese II and Japanese 310 Advanced Japanese I.
Foreign Languages	Spanish Language	3	3	Spanish 203 Intermediate Structure and Expression. Placement into Spanish 204 Intermediate Reading. If grade of B or better is earned upon course completion, 10 additional retroactive credits are awarded for Spanish 110, 111 & 207.
	Spanish Language	4	3	Spanish 204 Intermediate Reading. Placement into Spanish-301 Advanced Composition and Conversation. If grade of B or better is earned upon course completion, 15 additional retroactive credits are awarded for Spanish 110, 111, 203, 207, & 208.
	Spanish Language	5	6	Spanish 204 Intermediate Reading and Spanish 301 Advanced Composition and conversation. Placement into Spanish 304 Advanced Composition and Conversation II. If grade of B or better is earned upon course completion, 13 additional retroactive credits are awarded for Spanish 110, 111, 203 & 207. Additionally, Spanish 208 Intermediate Conversation II may be waived as a requirement for the major or minor.
Foreign Languages	Spanish Literature	3	3	Spanish 203 Intermediate Structure and Expression. Placement into Spanish 204 Intermediate Reading. If a grade of B or better is earned upon course completion, 10 additional retroactive credits are awarded for Spanish 110, 111 & 207.

	Spanish Literature	4 or 5	6	Spanish 204 Intermediate Reading and Spanish 301 Advanced Composition and Conversation. If a grade of "B" or better is earned upon course completion, 15 additional retroactive credits are awarded for Spanish 110, 111, 203, 207 & 208.
Geography	Human Geography	3	3	Geog 001 Geography Elective
		4 or 5	3	Geog 111 Human Geography
History	United States History	3, 4 or 5	6	History 201 US History to 1877 & History 202 Modern US History Since 1877
	European History	3, 4 or 5	3	History 102 Modern Civilization
	World History	3, 4 or 5	3	History Elective Degree Credit in Social Science
Latin	Latin Literature	3, 4 or 5	3	Foreign Language 001 General Elective credit
	Latin Vergil	3, 4 or 5	3	Foreign Language 001 General Elective credit
Mathematics	Calculus AB	3, 4 or 5	4	Math 171 Calculus I
	Calculus BC	3	4	Math 171 Calculus I
		4 or 5	8	Math 171 Calculus I and Math 172 Calculus II
	Statistics	3, 4 or 5	3	PBIS 189 - Problem Based Inquiry Seminar-Statistics
Music	Music Theory	3	3	Music Elective-(<i>Music Majors Only</i>)
		4 or 5	6	Music 107 Basic Musicianship 1 & Music 108 Basic Musicianship 2 (<i>Music Majors Only</i>)
		3, 4 or 5	6	Music 102 and Music 219 - (<i>Non-Music Majors</i>)
Physics	Physics B	3, 4 or 5	10	Phys/Ast 107 General Physics and Phy/Ast 108 General Physics
	Physics C Mechanics	3, 4 or 5	4	Phys/Ast 007 General Elective degree credit in Lab Science
	Physics C Elec/Mag	3, 4 or 5	4	Phys/Ast 007 General Elective degree credit in Lab Science
Political Science	US Gov/Politics	3	3	Pol Sci Elective Degree Credit in Social Science
		4 or 5	3	Pol Sci 105 American Government & Politics
	Gov/Pol Comparative	3	3	Pol Sci Elective Degree Credit in Social Science
		4 or 5	3	Pol Sci 101 Intro to Government
Psychology	Psychology	3, 4 or 5	3	Psych 101 General Psychology

Science	Environmental Science	3	3	Biology 001 Elective credit in Biology
		4 or 5	4	Biology 104 Ecosphere in Crisis

For additional information about your high school's participation in the Advanced Placement program, see your academic advisor or visit your high school Guidance Office.

International Baccalaureate Score Level Required for Credit at the University of Wisconsin Oshkosh				
Course and Level	Score	Units (crs.)	Credit Granted As	
Biology - HL	4, 5, 6, 7	4	Biology 105 Biological Concepts - Unity	
Business and Organization - HL	4, 5, 6, 7	3	Business Elective 001 (Lower Level)	
Chemistry - HL	4, 5, 6, 7	10	Chemistry 105 Gen Chemistry and 32-106 Gen Chemistry w/Qualitative Analysis	
Computer Science A HL	4, 5, 6, 7	3	Computer Science 001 Elective Degree Credit in Computer Science	
Micro Economics - HL	4, 5, 6, 7	6	Econ 206 Principles of Economics I and 207 Principles of Economics II	
English - HL	4, 5, 6, 7	3	Eng 101 College English I	
French - HL	4, 5, 6, 7	6	Any literature course above the 300 level	
German - HL	4, 5, 6, 7	6	Any literature course above the 300 level	
Spanish - HL	4, 5, 6, 7	6	Any literature course above the 300 level	
History - HL	4	3	History Elective	
History - HL	5, 6 or 7	6	History Elective	
Mathematics - HL	4, 5, 6, 7	4	Mathematics 171 Calculus I	
Philosophy - HL	4, 5, 6, 7	6	Phil 101 Elementary Logic and 109 Introduction to Philosophy	
Physics - HL	4, 5, 6, 7	10	Physics 109 General Physics and 110 General Physics	
Psychology - HL	4, 5, 6, 7	3	Psychology 101 Elementary Logic	
Social Anthropology - HL	4, 5, 6, 7	3	Social Anthropology 232 Cultural Anthropology	

For additional information about your high school's participation in the International Baccalaureate program, see your academic advisor or visit your high school Guidance Office or contact the Assistant Director of Admissions-Transfer Director for an updated and accurate list of UW Oshkosh credit by examination information.

Contact: Assistant Director of Admissions-Transfer Director - Dempsey 135J

Phone: 920-424-0202 or 920-424-0404

University Books & More

University Books & More, located in Reeve Memorial Union, is your student's source for new and used textbooks. Students can rent selected titles in the store and choose from a wider variety

on the bookstore's website. An online textbook reservation program also is an option for all semesters. At University Books & More, students can find a variety of school and art supplies, greeting cards, and Fair Trade items. A variety of general reading books are also available. Weekly bestsellers are always 30 percent off, and the bookstore will special order any book not in stock at no additional charge.

Contact: University Books & More

Phone: 920-424-0277

Fax: 920-424-1082

Visit us online at: www.uwosh.edu/bookstore

The Corner Convenience Store

The Corner Convenience Store, located in Reeve Memorial Union, is your student's quickest and closest place to get groceries, refrigerated food and drinks, frozen foods, health and beauty products, cleaning and household items, newspapers and magazines, ready-made sandwiches and Fair Trade products.

Contact: Corner Convenience Store

Phone: 920-424-2343

Fax: 920-424-1082

Veterans' Services

Active duty veterans, guard members, reservists, and dependents of veterans may be eligible to receive benefits from the Federal Veterans Administration and/or the Wisconsin Department of Veteran Affairs.

Information on Federal benefits can be found on the Department of Veterans Affairs web site at: <http://www.va.gov>. Information on State benefits can be found on the Wisconsin Department of Veterans Affairs web site at: <http://dva.state.wi.us/> or by writing directly to the Wisconsin Department of Veteran Affairs, P.O. Box 7843, Madison, WI 53707-7843.

On campus, eligible students may contact the Veterans Certifying Official to submit an application for federal and/or state benefits, to file change of place of training forms and to discuss matters related to their benefits.

Contact: Veterans Certifying Official - Dempsey Hall 146D

Phone: 920-424-1804

E-Mail: va@uwosh.edu

Visit us online at: <http://www.uwosh.edu/registrar/veterans/>

Women's Advocacy Council

Our goal is to incite University of Wisconsin Oshkosh students, staff, and faculty to become politically and socially active in creating gender equity and empowering women. In order to accomplish this goal, we work to: raise awareness of impediments to gender equity, collaborate with other UWO organizations to promote attitudes and policies that empower women, and provide an atmosphere where individuals seeking gender equity and women's empowerment can interact, discuss current events, and plan social and political activism. In order to accomplish these objectives, we attend community, regional, and national activist events; we organize informational, social, and activist events on the UWO campus; and we work toward educating the campus community, through the distribution of information about current issues that relate to

gender equity and women's empowerment. All students are encouraged to participate in the council. More information is also available at: <http://womensadvocacycouncil.blogspot.com/>.

Contact: Susan Rensing

E-Mail: rensings@uwosh.edu

Phone: 920-424-0397

Contact: Jennifer Stelter

E-Mail: stelterj@uwosh.edu

Phone: 920-424-0963

STUDENT ACTIVITIES AND ORGANIZATIONS

Student Recreation

At UW Oshkosh, your student will find a wide variety of recreational and wellness opportunities. First-rate facilities, an intramurals program, sport clubs, and many additional group and individual programs and activities provide something for everyone.

- **Facilities**

The Student Recreation and Wellness Center (SRWC) boasts 104,000 square feet of state-of-the-art recreation space. It is open most days 6 a.m.-12 a.m.

SWRC's offerings include basketball courts, jogging/walking track, indoor soccer court, volleyball courts, climbing wall, golf simulators, three strength training areas, 100+ pieces of cardio exercise equipment, two group exercise studios, cycling studio and Cyber Health Café with wireless Internet.

Campus recreational facilities also include Kolf Sports Center, which features seven basketball/volleyball courts and a 200-meter indoor track. Albee Hall features an additional two basketball/volleyball courts, four racquetball courts and an aquatics facility with a nine-lane lap pool and an adjoining diving well. East Hall Fields are the setting for outdoor intramural activities.

- **Programs and Activities**

Aquatics activities include open lap swim, aqua fitness classes, intramural activities and kayak instruction.

Sport Clubs provide students with an inviting array of instructional, recreational and competitive programs. Current active clubs include bowling, boxing, dance, golf, karate, lacrosse, racquetball, rifle, rugby, swing dance, volleyball and water skiing.

Group exercise classes are held daily in the SRWC studios. Trained staff lead at least 50 classes per week, including cycling, step aerobics, cardio kickboxing, yoga, boot camp, interval, core, Zumba, muscle conditioning and Pilates.

Intramural sports feature a great variety of recreational and competitive opportunities through team and individual sports and events, including soccer, basketball, volleyball, dodge ball, swimming, tennis, wrestling, ultimate Frisbee, racquetball, bags and flag football.

Contact: Student Recreation
735 Pearl Ave.

Phone: 920-424-1034

<http://recreation.uwosh.edu>

Communication

The Department of Communication offers a varied program in debate and radio-television-film. Programmed participation opportunities are available to majors and non-majors in these areas. Students may elect to satisfy up to eight credits as a major and four credits as a non-major toward graduation requirements through these programs. Students interested in debate may call the Director of Debate at 920-424-7048; students interested in Radio-TV-Film experience may call 920-424-3131.

Contact: Communication Department Arts/Communication S123

Phone: 920-424-4427

Honorary Societies

Several honorary societies have chapters on campus, which are open to students who meet academic and other requirements.

Alpha Kappa Delta, Gamma Chapter

International Sociology honor society. Eligibility: "B" average or better in sociology, "B" average or better overall, junior standing (minimum), completed at least 4 regular sociology courses at the University of Wisconsin Oshkosh, Sociology major or have a serious interest in sociology.

Contact: Peter Remender

Phone: 920-424-7186

Beta Gamma Sigma

Beta Gamma Sigma is the honor society for students enrolled in business programs accredited by AACSB International – The Association to Advance Collegiate Schools of Business. Eligibility: top 10 percent of junior class, top 10 percent of senior class and top 20 percent of MBA class in College of Business.

Contact: Patti Wild, BGS Coordinator

Phone: 920-424-3147

Kappa Delta Pi

National honor society in Education. Open to undergraduates who have junior standing and 3.25 GPA; graduates need to have completed 12 units (crs.) with a 3.50 GPA.

Contact: Susan Finkel

Phone: 920-424-7237

Kappa Tau Alpha

Kappa Tau Alpha recognizes outstanding scholarship in journalism and mass communication. Membership is by invitation only, based on scholastic achievement and commitment to the profession. Membership is restricted to the top ten percent of junior and senior journalism majors.

Contact: Journalism Department

Phone: 920-424-1042

Phi Alpha Theta

National Honor Society in History. The Kappa Eta chapter of Phi Alpha Theta was chartered at U.W. Oshkosh in 1965. The Kappa Eta chapter meets annually to induct new members. Phi Alpha Theta holds scholarly conferences at the national and regional levels, publishes the work

of its members in its quarterly journal, *The Historian*, and also gives awards and prizes for outstanding historical scholarship at all levels. Qualifying history majors and minors are invited to join the Kappa Eta chapter each year.

Contact: History Department

Phone: 920-424-2456

Pi Sigma Alpha

Pi Chi Chapter of Pi Sigma Alpha, the National Honor Society in Political Science. Membership by invitation to those Political Science majors with a 3.0 cumulative grade point average and 3.3 in Political Science.

Contact: Michael Jasinski

Phone: 920-424-7163

Psi Chi

National honor society in Psychology. Provides students with enrichment and opportunity in the discipline of psychology. Eligibility: minimum 3.2 GPA in psychology and 3.0 overall, minimum 9 units (crs.) of psychology (3 of which were earned at the University of Wisconsin Oshkosh), and at least 45 units (crs.) earned overall.

Contact: Quin M. Chrobak

Phone: 920-424-2307

Sigma Mu Psi

Sigma Mu Psi recognizes top marketing major. Eligibility: marketing majors who rank in the top 10 percent on GPA.

Contact: Bryan Lilly

Phone: 920-424-7201

Sigma Theta Tau

Eta Pi Chapter - National Honor Society in Nursing, facilitating development of excellence, leadership and creativity in nursing. Open to faculty, students and community nurse leaders. Students in upper 1/3 of class, 3.0 GPA and having completed half of major.

Contact: College of Nursing Office - Nur/Ed 148

Phone: 920-424-2121

Sigma Iota Rho

Gamma Chapter, honor society in International Studies. Recognizes accomplishment and service of students in International Studies. Eligibility: junior standing, at least 21 units (crs.) completed in courses giving unit (cr.) toward the International Studies major including at least 9 upper level units (crs.), completion of BA foreign language requirement, 3.2 cumulative GPA, and 3.3 GPA in International Studies courses.

Contact: Kenneth J. Grieb

Phone: 920-424-1291

Music

The Music Department offers opportunities for any student interested in musical performance to participate in the Symphonic Band, University Wind Ensemble, University Choir, Chamber

Choir, University Women's Chorus, University Opera Theatre, University Symphony, Jazz Ensembles, Jazz Choir, Percussion Ensemble, and Handbell Choir.

While a large number of students in these groups are either majors or minors in music, any student who has ability and experience in music is encouraged to join the organization of his/her choice, subject to acceptance by the individual director of each organization. Units (crs.) may be earned toward graduation by membership in one of the groups. A total of four units (crs.) in musical organizations may be used toward completing graduation requirements for the general student.

Contact: Music Department - Arts/Communication N210

Phone: 920-424-4224

Reeve Memorial Union

Reeve Memorial Union is a hot spot on campus and the perfect setting for our student's busy lives. The open-concept building boasts 163,000 square feet of space for activities, meetings, conferences, movies, parties or concerts. Reeve Union houses Mi Taza coffeehouse, Marketplace food court, Titan Underground, Gail Floether Steinhilber Art Gallery, Corner Convenience Store, University Books and More, Titan Central information desk, UW Credit Union, Salon Shahnaz, RUB Theatre with stadium seating and 20 meeting rooms and numerous lounge and pre-function rooms.

Contact: Reeve Memorial Union

Reservations and Catering: 920-424-2435

Phone: 920-424-2346

Special Events and Speakers

A number of cultural and educational events are made available to students each year through student and staff groups. They bring a galaxy of nationally known speakers, musical and entertainment performances including bands, poets, improv groups, cultural speakers and individual artists. Reeve Memorial Union offers a variety of room accommodations for your special event. Titan Underground is the perfect place for an informal birthday, graduation or football party. Contact Reservations at 920-424-2435 for more information.

Through organizations like the University Speaker Series, and Reeve Union Board (RUB), students have an opportunity to contact a number of nationally known performers who visit the University each semester. The music department annually sponsors a Chamber Arts Series for four programs featuring outstanding professional solo and chamber music groups

Contact: Reeve Memorial Union

Phone: 920-424-2346

Student Government (OSA) The Oshkosh Student Association

OSA is the constitutionally recognized voice of the student body in all general University policies by being an equal partner with faculty and administration in the governance of the campus. The legislative powers of OSA are vested in a bicameral legislature, with a Senate composed of 25 representatives elected by students in the various colleges and an Assembly composed of representatives from recognized student organizations on campus. Executive Officers of OSA (President and Vice President) are elected by the student body in the spring, and are assisted by presidentially appointed Directors.

OSA Student Legal Services provides students with the service of an attorney, who is available to advise on all legal matters including landlord-tenant problems and parking tickets. Legal Services has volunteer positions available assisting the Director and Attorney.

There are also a number of opportunities to become involved in OSA as a student representative on one of the approximately 50 University Committees that oversee various aspects of the university. Membership is open to all interested students, and information on these committees is available in the OSA Office.

Contact: OSA (Oshkosh Student Association) Reeve Memorial Union 105E

Phone: 920-424-3202

Web Site: <http://www.uwosh.edu/osa/>

Student Leadership & Involvement Center (SLIC)

With over 100 active student organizations on campus there is something for everyone! The SLIC is home to the Oshkosh Student Association (OSA), Reeve Union Board and Reeve Advisory Council (RAC), Greek life, Student Allocations Committee, Multicultural Education Council (MEC), and a wide variety of other recognized student groups including service clubs, academic and honorary organizations, professional groups that represent various academic departments and majors, foreign language and cultural clubs, religious groups, student governing bodies, recreational clubs and many special interest groups.

Located in Reeve Union, it is designed to create a friendly, professional community for students and their organizations. It serves as an initial contact point for potential student leaders as well as the communication center for all student organizations. It provides office space, resources and leadership development training to student groups and their members. Our staff is dedicated to encouraging student development and enhancing the overall educational experience through involvement in leadership activities outside the classroom.

Contact: SLIC - Reeve Union 105

Phone: 920-424-0847

Web: slic@uwosh.edu

Student Publications

The Advance-Titan, the student-run newspaper at the University of Wisconsin Oshkosh, was founded in 1894 as the Oshkosh Advance. It has been serving students, the University and the community under its current name for the past 20 years.

Each week during the academic year, 8,500 issues of the Advance-Titan are distributed on the campus and throughout the surrounding city of Oshkosh. The newspaper includes the latest campus news and events along with coverage of local, state and worldwide news. As a member of the Associated Collegiate Press and Associated Press, The Advance-Titan has been rated All-American for 35 semesters. In addition, the Advance-Titan has won national Peacemaker Awards in 1973, 1981 and 1991 for professional quality and innovations in journalism.

All students, regardless of major or minor, are welcome to gain valuable experience including newspaper writing, editing, photography and layout, advertising sales and production, circulation or online journalism.

Contact: The Advance-Titan - Reeve Memorial Union

Phone: 920-424-3048

Wisconsin Review is the University of Wisconsin Oshkosh's nationally recognized literary arts magazine. Each year since 1966 Wisconsin Review has published two issues of poetry, fiction and artwork. Every month the Wisconsin Review staff evaluates submissions by national and international writers, seeking work that defines the contemporary literary scene. In order to offer the gift of quality, cutting-edge literature, Wisconsin Review seeks students of any major to evaluate, edit, publicize, manage and produce the magazine.

Contact: Wisconsin Review-Polk 45 and 47

Phone: 920-424-2267

United Students in Residence Halls

The United Students in Residence Halls (USRH) is the overall residence hall governmental body. The purpose of USRH is to provide an opportunity and means of self-expression and self-government by the students living in the residence halls on the Oshkosh campus. It serves as a recommending body to the Department of Residence Life and other departments that can relate to and affect student life in residence halls. USRH is based on the philosophy that student input is necessary when determinations are made on policies that impact student conduct, social and academic programming and operational procedures. Each residence hall has USRH representatives that have been elected or appointed by individual hall governments. USRH also has an executive board composed of officers elected by the students for a one-year term. Along with having the opportunity to be part of the legislative body, hall residents are encouraged to actively participate in one of the organization's many committees. Students may be part of the USRH Hall Funds Committee, Leadership Development Committee, Programs Committee, Constitution Committee, Food Committee, and Safety and Security Committee and other task forces and ad hoc committees. For more information regarding specific committees, contact the USRH office.

As well as offering these opportunities for involvement, USRH sponsors two weekend leadership retreats each year, provides funding to individual halls for nonalcoholic programs. Residents are also given the chance to attend several state, regional and national residence hall association conferences each year.

Contact: United Students in Residence Halls - Scott Hall first floor

Phone: 920-424-4334

RESIDENCE LIFE

Housing Policy

The Wisconsin Board of Regents housing policy states that all freshmen and sophomore students (students who have not earned 60 or more units (crs.) as of the first day of classes) who are not veterans, married or living with parent(s) or guardian shall be required to live in a University-operated residency hall when such accommodations are available.

The UW Oshkosh Department of Residence Life also exempts those students who have prior to the first day of classes, reached 21 years of age or, earned at least 48 credits or, resided on campus for four semesters or, commute from their parent's permanent home address within 45 miles of UW Oshkosh (annual submission of commuter card is required until one of the above requirements is met).

All transfer students who do not fall into any of the four above categories will need to reside on campus or file an appeal.

Contact: Department of Residence Life - South Gruenhagen, 263

Phone: 920-424-3212

Residence Halls

Residence hall facilities are offered on a contract basis for the full academic year. The dining service contract is incorporated within the housing contract and is discussed below under University Dining.

The residence halls on the University of Wisconsin Oshkosh campus are an integral part of the University community. More than a convenient place to sleep, the residence hall provides an environment where an individual may grow intellectually, socially, and culturally. Each residence hall community offers opportunities to become involved in self-government, hall programs, and recreational opportunities. Intended benefits of residence hall life are that students will learn to assume responsibility for developing their individual lifestyles while also learning to get along with other people.

Each residence hall is staffed by a Residence Hall Director, who is assisted by a staff of Community Advisors. Residence hall councils, under the leadership of United Students in Residence Halls (USRH), work for the common goals of all residents. Students and staff work together to make the residence hall a desirable place in which to live.

When a student is admitted to the University of Wisconsin Oshkosh, a room and board contract offer is sent to him or her. Preference in determining housing assignments will be given to students on a first-come basis. Contract acceptance forms must be accompanied by a prepayment of \$150.00, which is applied toward the spring term room rental. Residence hall assignments are made without regard to race, color, religion, national origin or ancestry.

All residence halls, except Donner, North Scott, South Gruenhagen, Taylor and Webster are closed during Thanksgiving break, semester break and spring recess.

The University of Wisconsin Oshkosh campus includes nine residence halls that house more than 3,400 students. Types of living arrangements that are available include coed high-rise halls and coed low-rise halls. The residence halls provide recreation, study, laundry and kitchen facilities, plus a variety of educational, social and recreational programs to make the hall a living and learning center.

Donner Hall - Opened in 1962, capacity 246, coed, is named for Dr. C. Barbara Donner, professor of history from 1926 and 1956. Donner hall is open during academic year breaks.

Evans Hall - Opened in the fall of 1965, capacity 244, coed, is named for Maysel Evans, faculty member at the University of Wisconsin Oshkosh from 1929-1963.

Fletcher Hall - The largest of the "low-rise" residence halls, capacity of 450, coed. Opened in 1964, it is named for Walter H. Fletcher, a professor at the University from 1918-1944.

North Scott Hall - Opened in 1967, it is a 10-story high-rise facility, capacity, 560, coed, named after Louise E. Scott, faculty member in the Department of Education from 1929-1962. North Scott hall is open during academic year breaks.

South Scott Hall - Opened in 1967, it is a 10-story high-rise facility, capacity, 500, coed, named after Louise E. Scott, faculty member in the Department of Education from 1929-1962.

Stewart Hall - Named for Mary Stewart, faculty member from 1926-1960, opened in 1965, capacity of 230, coed.

Taylor Hall - Occupied in 1963, capacity 504, coed, named for Dr. Hilda Taylor, chairman of the English Department from 1928 to 1944. Taylor is open during the academic year breaks.

Webster Hall - Capacity 200, coed, erected in 1957, and named for Emily Webster, former teacher of mathematics. Webster Hall is open during academic year breaks.

Contact: Department of Residence Life - Gruenhagen Conference Center - Room 263

Phone: 920-424-3212

University Dining Meal Plans

As a benefit to our freshmen and sophomores, every student living in a residence hall is required to participate in one of the university food service programs. Each student signs a housing contract that specifies which meal plan the student chooses.

15 & 21 Meal Plan - - This meal plan includes a set number of meals that refresh each week at Blackhawk Commons, Scott Hall's Scotty's and for weekend meals at Reeve Union. One meal per meal period may be used each day. Three of these meals per week may be used as flex meals which are meals that can be used for guests or self, anytime, anywhere on campus during normal operating hours. Unused meals do not roll over from week to week. These plans allow meal exchanges.

150/200/250 Meal Block Plan

These plans include meals which may be used at Blackhawk Commons (Reeve Union on weekends), Blackhawk's Good to Go, Scotty's, Cyber Cafe, Reeve Union's Marketplace, Titan Underground and Clow and Halsey Mi Taza-To-Go during normal operating hours. Meals may be used for guests or meal exchanges.

Upper Class 100 Meal Plan Block

This plan is restricted to on-campus students with more than 48 credits. Meals may be used for guests and meal exchanges.

Titan Dollar Plan

This plan includes a set amount of Titan Dollars that may be used at any University Dining location.

Additional Block Meals

Additional blocks of 5 meals may be added to any Block meal plan.

Contact: University Dining Office

Phone: 920-424-2391

For current information and pricing visit www.reeve.uwosh.edu/dining.

University Honors Program

Roberta S. Maguire, Director

Program Office: Polk 8

Program Telephone: 920-424-1303

Web Site: www.uwosh.edu/honors

The University Honors Program offers academic challenges to motivated and highly qualified freshmen, continuing UW Oshkosh students and transfer students. Honors courses are small, allowing stimulating exchanges between professors and students and coverage of material in greater depth. The Honors courses emphasize reading, writing and interactive communication skills, encouraging students to engage in learning and research in cooperation with other high-achieving students. Honors courses are listed as such on the student's transcript. Admission to the University Honors Program is as follows:

1. Students who graduated in the top 10 percent of their class from accredited high schools and achieved a composite score of 26 or higher on the ACT are eligible to enroll at the time they are admitted as freshmen. In addition, motivated students who meet just one of these criteria may apply to the director by presenting evidence of academic potential at the time of admission to the University Wisconsin Oshkosh.
2. UW Oshkosh students who do not join the University Honors Program as first-semester freshmen are invited to join after their first semester at UW Oshkosh if their official grade point average is 3.2 or higher.
3. Transfer students from accredited colleges or universities who have a record of high academic achievement may also apply.

Students who join as freshmen complete a core honors curriculum of 8 credit hours (which includes the first-year seminar and a senior capstone experience) as well as a minimum of 12 credit hours of honors electives. Requirements will vary for students who join as sophomores or as advanced transfers. To stay active in the program, students must maintain a minimum cumulative grade point average of 3.2.

Honors Core Courses

- **Honors 175 3 units (crs.)**

Honors: Seminar (HU)

An interdisciplinary seminar required of all Freshman honors students during their first or second term. The course is designed to demonstrate the interrelation between the many areas of study within the university. A particular focus of study (for example, the environment) will be selected each term, and then it will be shown how various and diverse academic disciplines approach and analyze it.

Prerequisites: Enrolled in good standing in the UW Oshkosh Honors Program.

- **Honors 271 1 unit (cr.)**

Honors: Culture Connection I

The purpose of this course is to heighten student awareness of educational opportunities available at the university and in the community, to broaden the student's appreciation for varying forms of intellectual endeavor, to expand the student's awareness of the interdisciplinary nature of the human experience, and to increase the student's critical thinking skills. The means to these ends are attending

intellectually oriented cultural events and writing critical essays about those events. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175.

- **Honors 272 1 unit (cr.)**

Honors: Culture Connection II

The purpose of this course is to heighten student awareness of educational opportunities available at the university and in the community, to broaden the student's appreciation for varying forms of intellectual endeavor, to expand the student's awareness of the interdisciplinary nature of the human experience, and to increase the student's critical thinking skills. The means to these ends are attending intellectually oriented cultural events and writing critical essays about those events. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175 and completion of HNRS 271.

- **Honors 375 3 units (crs.)**

Honors Junior Seminar

A topical seminar offered to University Honors Program Students. Each Junior Seminar will focus on a specific topic and topics will vary from year to year. The course emphasizes active engagement on the part of students and innovative teaching strategies on the part of faculty. Prerequisite: The student must be in good standing in the University Honors Program and must have completed at least 60 units (crs.).

- **Honors 475 3 units (crs.)**

Honors Senior Seminar

An interdisciplinary, topical seminar available to University Honors Program Students to meet the senior capstone requirement for the Honors Program. The course will focus on a single topic which will be examined within a broad, interdisciplinary perspective. The course will allow students to bring to bear on a particular topic various approaches they have developed in their careers as university students and as University Honors Program Students. A specific topic of study (for example, Science and Creationism) will be selected for each Honors Senior Seminar. The course will emphasize active, intellectual engagement and require students to prepare and present their own interdisciplinary analyses of topical issues. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175 and Senior Standing.

- **XXX 474 3 units (crs.)**

Honors Senior Thesis

Please contact Honors staff for more information.

Honors Elective Course Offerings

NOTE: A student may not earn credit in both an honors course and a non-honors course of the same title. Honors courses are differentiated by the added word “honors” in the Bulletin title and different course number. For example: English 228 Honors: Modern American Literature.

Please check current Honors course schedules
www.uwosh.edu/honors/honorscourses/courses) as course availability varies.

Number	Title	Units (crs.)
Biology 108	Concepts in Biology-Unity	5
Communication 112	Fundamentals of Speech	3
Ed Foundations 381	Educational Psychology	3
Ed Foundations 409	Foundations of Multicultural Ed	3
English 110	Composition	3
English 228	Modern American Literature	3
English 229	African American Literature	3
English 310	Advanced Composition	3
English 349	20th Century Women Authors	3
Geography 112	Human Geography	3
Geology 110	Honors Geology	5
History 103	Modern Civilization	3
History 203	Mod US History Since 1877	3
History 204	Early US History to 1877	3
Music 221	Music Appreciation	3
Nursing 317	Adult Health I Clinical	2
Philosophy 106	Ethics	3
Philosophy 110	Introduction to Philosophy	3
Political Science 106	American Government and Politics	3
Political Science 107	Introduction to Government	3
Psychology 104	General Psychology	3
Psychology 302	Psychology of Abnormal Behavior	3
Religious Studies 110	World Religions	3
Religious Studies 202	Old Testament	3
Theatre 162	Appreciation of the Drama	3

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DEPARTMENTS AND MAJORS

African American Studies

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- Cannon, Carrell, Chaudoir, Crawford, Davis, Dingleline, Donath, Eichler-Levine, Gray, Heider, Kercher, Krueger, Kuhl, Landry, Lenza, Maguire, McFadden, McWilliams, Murphy, Ngaboh-Smart, Park, Rensing, Ridgely, Rindo, Robinson, M. Rutz, S. Rutz, Wu.

Degrees

- **Undergraduate:** In combination with a major, the African-American Studies minor can lead to a baccalaureate degree.
- **Graduate:** None

Summary of Fields of Study

1. **Goal(s)**
 - The University of Wisconsin Oshkosh offers an undergraduate minor in African American Studies. Students who choose the minor will study issues, ideas and experiences related to the history, culture, socio-economic and political lives of African Americans. While the specific programmatic focus of the minor is the United States, students also may choose from courses that suggest obvious connections as well as important distinctions that exist between African America, African nations, and other parts of the African Diaspora.

The AAS minor will complement any major study emphasis.

2. **The Major(s)**
 - None
3. **The Minor(s)**
 - The program offers one minor(s): African American Studies.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the African American Studies minor. Refer to the following for complete requirements or to the African American Studies website: www.uwosh.edu/african_am.

Required Core Courses

- See Minors section.

The Major(s), with Emphasis and/or Options

- None

The Minor(s)

AFRICAN AMERICAN STUDIES MINOR

Recommended for humanities and social science majors.

Required Units (crs.): 21 minimum

Required Courses:

- **African American Studies:** African American Studies 100
- **History:** History 385
- **English:** English 219 or 229
- **3-6 units (crs.) from Group A: 100% focus on AAS content:**
 - African American Studies 395
 - English 319, 371
 - Religious Studies 285
- **3-6 units (crs.) from Group B: 50% focus on AAS content:**
 - African American Studies 396
 - Music 215, 216
 - Political Science 304
- **3 units (crs.) optional from Group C:**
 - African American Studies 397
 - Anthropology 322
 - Geography 353, 354
 - History 359, 360
 - Study Tours to Africa may also count toward this option, with consent of Director

Course Offerings

- **African American Studies 100** *3 units (crs.)*
Introduction to African American Studies (HU) (ES)
An interdisciplinary survey introduction to some of the major individuals, texts and issues that suggest the complex history and culture that have evolved over time among African Americans in the United States.
- **African American Studies 366** *1-3 units (crs.)*
Service Learning Field Study
In this course, students will apply their African American Studies education to service activities in the community, under the supervision of an individual at the site and a member of the faculty or academic staff. Students will volunteer for a certain number of hours per week depending upon the number of credits they will receive. Students will also write reflective papers that connect their service experiences with relevant readings. Service activities must be relevant to African American Studies. Prerequisites: Instructor permission and 6 hours of African American Studies course credit. (Note: The general prerequisites for Independent Study/Related Readings are waived for this course).
- **African American Studies 395** *3 units (crs.)*
Special Topics A: Optional Content
Special Topics A courses focus solely on African American Studies. The course may be repeated once with different content.
- **African American Studies 396** *3 units (crs.)*
Special Topics B: Optional Content
Special Topics B courses focus in part on African American Studies, with significant portion of students' coursework devoted to African American Studies. The course may be repeated once with different content.
- **African American Studies 397** *3 units (crs.)*
Special Topics C: Optional Content
Special Topics C courses focus solely on African American Studies.
- **African American Studies 446** *1-3 units (crs.)*
Independent Study
See Independent Study under Course and Academic Advisement policies information for general course description, general prerequisites, and proper contract form requirements.

Anthropology

Information

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Code 21 or ANTHRO

Faculty

- Behm, Brown, May de Montigny, Spehar.

Degrees

- **Undergraduate:** A major in Anthropology can lead to the degrees: Bachelor of Arts; Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. **Goal(s)**
 - See the department for a listing of their goal(s).
2. **The Major(s)**
 - The Department offers one major: Anthropology.
3. **The Minor(s)**
 - The Department offers one minor: Anthropology.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Anthropology major or minor. Refer to the following for complete major/minor course requirements.

Required Core Courses

- See Majors section.

The Major(s), with Emphasis and/or Options

1. **ANTHROPOLOGY MAJOR** Recommended for students who are double majors; who intend to teach secondary level Anthropology or college Anthropology; work in travel, international business or any other area with cross cultural features, such as social work or nursing.
 - **Required Units (crs.):** 34 minimum
 - **Required Courses:**
 - **Anthropology:** Anthropology 202, 232, 250, 274 and 494 will be required.
 - **Methods Requirement:** One class from the following list: 350, 362, 363, 378, 394.
 - **Electives:** Sufficient courses from the Department's offerings in Anthropology to meet the Minimum Requirement.

Comment: Statistics, foreign language and/or science courses are recommended.

The Minor(s)

1. **ANTHROPOLOGY MINOR**
 - **Required Units (crs.):** 24 minimum
 - **Required Courses:**
 - **Anthropology:** Anthropology 202, 232, 250, 274.
 - **One course from the following:** Anthropology 342, 344, 348, 350, 356, 358, 362, 378, 380, 394, 494.
 - **Electives:** Sufficient courses from the Department's offerings in Anthropology to meet the Minimum Requirement

Course Offerings

- **Anthropology 102** 3 units (crs.)
Introduction to Anthropology (SS)
Basic concepts from the various areas of study within anthropology (cultural, linguistic, biological, and Archaeological) brought together to examine and explain, in an integrated fashion, aspects of the human condition.
- **Anthropology 122** 3 units (crs.)
World Ethnography (NW) (SS)

An analytical and descriptive survey of selected societies and cultures representative of the major culture areas of the world. Not open to students with more than 6 units (crs.) in Anthropology.

- **Anthropology 123** 3 units (crs.)
American Ethnography (ES) (SS)

An analytical and descriptive survey of selected cultures representative of major American ethnic groups.

- **Anthropology 202** 4 units (crs.)
Physical Anthropology (NS)

Physical anthropology is the study of the human biology and behavior in the framework of evolution. This course provides an introduction to the scientific approaches and methods used by physical anthropologists, including evolutionary theory and the mechanisms of heredity, the ecology and behavior of nonhuman primates and what they can teach us about human origins, the fossil evidence for human evolution, and modern human variation and adaptation. Students should leave this class with a broader understanding of humanity's place in nature and a grasp of our unique evolutionary history. (3+2)

- **Anthropology 232** 3 units (crs.)
Cultural Anthropology (NW) (SS)

Focusing on the concept of 'culture', the course discusses the aims, methods, and achievements of anthropological research and presents a general model for comprehending human society.

- **Anthropology 250** 3 units (crs.)
Introduction to Archaeology (SS)

An introduction to the study of humanity's past, and how archaeologists retrieve, process, analyze and interpret surviving prehistoric materials.

- **Anthropology 272** 3 units (crs.)
Nature of Languages (SS)

A survey of the following major fields of linguistic study: Historical, comparative, structural, transformational linguistics; psycholinguistics, sociolinguistics, semantics, dialectology. Emphasis on methods and problems to give students basic concepts.

- **Anthropology 274** 3 units (crs.)
Language in Culture (SS)

A study of language as it relates to human culture and the transmission of culture. Genetic and typological variation in language; theories of linguistic universals and relativity. Consideration of social stratification, multidialectal and multilingual societies, selection of national languages.

- **Anthropology 300** 1-6 units (crs.)
Topics in Anthropology: (SS)

A variable topics course covering a theme of current interest in anthropology. Each time the course is offered, the topic and number of credit hours will be announced in the Schedule of Classes. May be repeated with different content.

- **Anthropology 308** 3 units (crs.)
Race and Human Variation

This course explores what studies of human biological variation can tell us about the reality of race. We first deconstruct the concept of race, examining the history of race in the United States and how biology has been used to justify racial categories and oppression. Then we examine what studies of modern human genetics and biology tell us about the biological validity of racial categories. We trace the evolutionary history of modern humans, from their origins in Africa to their spread to every corner of the globe. Topics include genetic variation, skin color, height, and adaptation to altitude and

disease. We then discuss the implication of this variation for the concept of race and how racial categories impact our lives in the United States (covering issues such as genetic ancestry testing, IQ, racially-based medicine, and persistent social inequalities).

Prerequisites: None

- **Anthropology 310** 3 units (crs.)

Anthropology Film (SS)

A survey of anthropological films, focusing on the ways that filmmaking and ethnographic authority have developed together through time. No formal prerequisites, however, students should be aware of the basic anthropological concepts presented in the department's lower-division courses.

- **Anthropology 312** 3 units (crs.)

The Indians of North America (ES) (SS)

The course is primarily a description of North American Indian culture past and present. In connection with this diverse Indian lifeways are covered in reading, lecture and audio/visual presentations. This course deals inevitably with how these lifeways and cultures similar to and different from western lifeways and culture. It deals with Indian-white relations, genocide, culturecide, ethnocentrism, bias, pluralism, assimilation, cultural pluralism and so on.

- **Anthropology 314** 3 units (crs.)

Native American Women (ES)

This class explores the diverse experiences, perspectives, histories, cultures, and contemporary issues of Native North American women as well as the ethics of research and representation. Relevant topics include family and gender roles, health, alcoholism, education, language, cultural preservation and change. Examples will be drawn from ethnography, ethnohistory, and autobiography. Cross-listed: Anthropology 314/Women's Studies 314. Students may receive credit for only one of the two cross-listed courses.

- **Anthropology 318** 3 units (crs.)

Peoples and Cultures of Southern Asia (NW) (SS)

A description and analysis of societies and cultures in southern Asia with special emphasis on the Indian subcontinent and insular and mainland Southeast Asia.

- **Anthropology 322** 3 units (crs.)

Peoples and Cultures of Africa (NW) (SS)

A description and analysis of societies and cultures of sub-saharan Africa.

- **Anthropology 324** 3 units (crs.)

Chicanos in America (SS)

A survey of Chicano social and cultural adaptations to present day American society. Economic, political, social, educational, religious and other factors in Chicano communities, both rural and urban. Topics as discrimination, minority group status and relations with the larger society will be considered.

- **Anthropology 326** 3 units (crs.)

Peoples and Cultures of Oceania (NW) (SS)

An ethnographic survey of the native peoples of the Pacific Ocean discussing the settlement of the Pacific Islands, traditional life and the continuing impact of western contact.

- **Anthropology 328** 3 units (crs.)

Peasant and Contemporary Cultures of Latin America (SS)

A description and analysis of selected urban and rural cultures of Latin America.

- **Anthropology 330** 3 units (crs.)

Culture Change in Modern Africa (NW) (SS)

An analysis of the processes of change in contemporary sub-saharan Africa. Prerequisite: None.

- **Anthropology 332** 3 units (crs.)

Magic and Religion (SS)

The analysis and description of religious beliefs and practices in non-literate and literate societies.

- **Anthropology 336** 3 units (crs.)

Social Organization (SS)

A comparative study of the social, political, and economic institutions of selected preliterate and complex societies from both the Old and New World. There is an emphasis upon distinction between human and non-human ecology and social organization.

- **Anthropology 338** 3 units (crs.)

The Anthropology of Law and Politics (NW) (SS)

Anthropological approach to the processes of political competition and of dispute settlement. It builds on the study of traditional societies and considers problems of change, development and growth.

- **Anthropology 340** 3 units (crs.)

Culture and Personality (SS)

A review of cultural personality literature with special attention given to personality development within contemporary American subculture units.

- **Anthropology 342** 3 units (crs.)

Expressive Culture

This course will delve into the anthropological study of a broad range of expressive practices including visual art, material culture, body decoration, display events such as pageants and folk festivals, music, dance, and verbal art such as storytelling. The course will explore how through expressive practices we communicate about identity, historical consciousness, ethnicity, gender, and much more. The course will investigate how socio-cultural factors influence our definitions, practices, and meanings of art and performance. Conversely, we will explore how culture and social relations emerge out of the artistic production and performance.

- **Anthropology 343** 3 units (crs.)

Masculinity Across Cultures

By taking a cross-cultural approach with examples from all over the world, the course aims to interrogate notions of masculinity that have become naturalized in wider American society. Some of the topics of the course may include issues of men and violence, emotion, invulnerability, independence, kinship, the body, transsexuality, masculinity and national identity, and rites of passage. The course will examine the relationships between particular masculinities and femininities and gendered hierarchies, power, and inequality in culture and society. Implicit in all these discussions will be the relationships between men and women, definitions of masculinity and femininity, gender, gender roles and expectations, and how factors of race, class, and gender shape definitions and expressions of masculinity. Cross-listed: Anthropology 343/Women's Studies 343. Students may receive credit for only one of the two cross-listed courses.

- **Anthropology 344** 3 units (crs.)

Kinship, Gender and Sexuality (SS)

Examination of comparative gender roles and the behavior, status, and economic position of the sexes in cultural groups other than contemporary U.S. society. Cross-listed: Anthropology 344/ Women's Studies 344. Students may receive credit for only one of the cross-listed courses.

- **Anthropology 348** 3 units (crs.)
Economy, Nature, and Culture (SS)

A comparative survey and analysis of differing modes of acquisition, allocation and distribution of scarce resources in primarily pre-industrial societies of differing levels of socio-cultural integration and in differing time frames.

- **Anthropology 350** 3 units (crs.)
Ethnographic Methods (SS)

This course introduces students to the theory of research in cultural anthropology beginning with an examination of basic principles followed by the development of skills in ethnographic research techniques. Students will complete field projects. Prerequisites: Junior standing and Anthropology 232 and 274, or consent of instructor.

- **Anthropology 352** 3 units (crs.)
Old World Archaeology (SS)

A survey of human cultural and biological development in Africa, Asia, and Europe as evidenced in archaeological records from the earliest beginnings to the achievement of civilizations. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 354** 3 units (crs.)
New World Archaeology (SS)

A survey of prehistory in the New World from the earliest migrations to Columbian times, with special emphasis on North America. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 355** 3 units (crs.)
Wisconsin Archaeology

This course is a survey of the archaeological record of Wisconsin, starting with the earliest documented inhabitants just before the end of the Pleistocene and proceeding chronologically to recent times. While the overwhelming majority of the course will focus on the archaeological record of prehistoric and historic Native Americans, Euroamerican and African-American archaeology is also included. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 356** 3 units (crs.)
Primitive Technology (SS)

Analysis of material culture of primitive people, historical development and distribution; techniques and methods of manufacture; use and function within society. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 358** 3 units (crs.)
Archaeological Theory (SS)

A survey of the methodology used in developing archaeological data through excavation and analysis, and an examination of the theory upon which these methods are based. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 359** 3 units (crs.)
Fantastic Archaeology

Fantastic Archaeology describes those claims and interpretations about the archaeological records that are outside the orthodox mainstream of the scholarly and professional world of archaeology. This can range from the new, and as yet untested and unaccepted theories that may eventually be the orthodox interpretations in the future to the outrageous that can be easily refuted with a careful and rigorous evaluation of the data. The entire range of competing, non-orthodox interpretations of the archaeological record are considered in this course. Prerequisites: Introduction to Archaeology (Anthropology 250) or consent of instructor.

- **Anthropology 360** 3 units (crs.)

Mesoamerican Culture (NW) (SS)

Comparative study of cultural development in ancient Mexico and Central America from pre-Columbian to modern times. Prerequisite: None.

- **Anthropology 362** 1-8 units (crs.)

Field Work in Archaeology (SS)

Students will be allowed to repeat this course for credit (although only 8 units (crs.) can be counted toward the 34 unit (cr.) minimum required for the Anthropology Major or the 24 unit (cr.) minimum required for the Minor). Prerequisite: Anthropology 250 or consent of instructor.

- **Anthropology 363** 3 units (crs.)

Archaeological Analysis (SS)

Fundamentals of archaeological analysis. Actual analysis of archaeological materials excavated by the University of Wisconsin Oshkosh Summer Field School and problems of description, classification, association and interpretation. Prerequisites: Introduction to Archaeology (Anthropology 250) or Theory and Method of Archaeology (Anthropology 358) or consent of instructor. (2+2)

- **Anthropology 364** 3 units (crs.)

Cross-Cultural Approaches to Mental Illness (SS)

An investigation of the relationship between culture and mental health, the comparative method for the study of mental health, and survey some of the culture specific syndromes and non-Western native therapies. Prerequisite: consent of instructor.

- **Anthropology 366** 3 units (crs.)

The Evolution of Human Language

This course introduces students to the interdisciplinary study of the nature and emergence of human language, "the most human thing about being human". We will examine the cognitive, neurological and genetic underpinnings of language, and evidence for its biological innateness in human beings. We will investigate the key characteristics of human language and their possible basis in the abilities of other animals, focusing particularly on language studies with the great apes. We also will examine the fossil and archaeological record of human evolution for anatomical and cultural clues as to when and why language might have evolved. Finally, we will discuss how the first language(s) might have morphed into the over six thousand languages spoken by human beings today.

- **Anthropology 368** 3 units (crs.)

Human Dimensions of Wildlife Conservation

This course focuses on the most central issue in the conservation of wildlife: people. This course will integrate perspectives from conservation biology and environmental anthropology, focusing particularly on the interaction between humans and the environment and how this influences the effectiveness and appropriateness of measures

taken to preserve biodiversity. The course includes a discussion of perspectives on the value of biodiversity; a careful exploration of human-generated threats to biodiversity, including habitat destruction, overhunting, the wildlife trade, invasive species, and global warming; and an extensive overview and critique of conservation solutions, such as the creation of protected areas, community-based conservation, ecotourism, economic incentives programs, debt-for-nature swaps, and more. The effects of globalization on international conservation will be an integral part of this discussion. Cross-listed: Anthropology 368/Environmental Studies 368. Students may receive credit for only one of the two cross-listed courses.

- **Anthropology 372** 3 units (crs.)

Primate Behavior and Ecology

This course is designed to introduce students to our closest living relatives, the nonhuman primates (monkeys, apes, and prosimians). The course will focus on primate diversity and characteristics, ecology, social behavior, communication, cognition, and conservation. We will also discuss the relevance of primate studies to understanding human evolution. This course will involve at least one field trip to the Milwaukee zoo. Cross-listed: Anthropology 372/Environmental Studies 372. Students may receive credit for only one of the two cross-listed courses.

- **Anthropology 376** 3 units (crs.)

Culture Change (SS)

A review of anthropological theory regarding culture change both micro and macro. The evolution of culture, acculturation, diffusion and invention, relation to ethnographic data. Prerequisite: None.

- **Anthropology 378** 3 units (crs.)

Human Evolution (SS)

Analysis of the bio-cultural developmental history of human populations in an ecological context. Human genetics and human paleontology and the biological nature and development of Homo sapiens will be explored in lecture and laboratory. Prerequisite: Anthropology 202. (2+2)

- **Anthropology 380** 3 units (crs.)

Globalization

"Globalization" has become an all-encompassing term for describing a series of processes which are reshaping the society, economy, politics, culture and environment of the planet. This course will introduce some of the main, often competing perspectives on globalization. Through intensive readings and discussion, we will try to understand the ways in which the local and the global are increasingly intertwined, and to assess both the risks and the promises of the global society that lies ahead. Cross-listed: Anthropology 380/Environmental Studies 380. Students may receive credit for only one of the two cross-listed courses.

- **Anthropology 392** 1-4 units (crs.)

Museum Techniques (SS)

A survey of knowledge essential to the successful operation of an anthropological museum. Lectures and labs focus on acquisitions, record keeping, collection preservation, exhibition, public relations, and current policy issues. (3+2)

- **Anthropology 394** 1-6 units (crs.)

Field Experience

This is a field research course. Students are given the opportunity to travel to a field site(s), collect data, and consider theoretical conclusions. This course is field based and

requires travel. It may be taken or repeated for up to six credits. Prerequisites: consent of instructor.

- **Anthropology 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Anthropology 450** 3 units (crs.)

Urban Anthropology (SS)

The development and structure of urban societies. The course will focus mainly upon recent anthropological research concerning the problems of complex societies. Prerequisite: Consent of instructor.

- **Anthropology 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Anthropology 494** 3 units (crs.)

History of Anthropological Thought (SS)

A survey of the history and development of theories and methods in Social and Cultural Anthropology. The intellectual contexts out of which Anthropology developed and the permanence of early theorists and methods in contemporary anthropological research.

Prerequisites: Physical Anthropology 202, Cultural Anthropology 232, Intro Archaeology 250, Language and Culture 274; and junior standing or consent of instructor.

Applied Studies

Information

Charlie Hill, Director
Center for New Learning
Program Office: Dempsey 111
Program Telephone: 920-424-0234
Code 31 or LIB STDS

Faculty

- BAS teaching staff are selected from diverse areas of the University (the College of Business, College of Letters and Science, College of Education and Human Services, College of Nursing and the Counseling Center). In addition, visiting lecturers are invited to join the BAS teaching staff.

Degrees

- **Undergraduate:** The Center for New Learning offers two degrees.
 - The Bachelor of Liberal Studies (BLS) degree program offers a major in Liberal Studies. Within the major the program offers a choice of two emphases: (1) Organizational Administration, and 2) Leadership Development.
 - The Bachelor of Applied Studies (BAS) degree program offers two majors: (1) Leadership and Organizational Studies, and (2) Fire and Emergency Response Management.
- **Graduate:** None

Summary of Fields of Study

APPLIED STUDIES

Administered by the Center of New Learning, the BAS degree program is designed especially for the working adult with an Associate's Degree from a Wisconsin Technical College. The BAS degree program offers two majors.

- Leadership and Organizational Studies with classes meeting on the Fox Valley Technical College Appleton campus in the evenings, on the Moraine Park Technical College West Bend campus in the evenings, and online.
- Fire and Emergency Response Management with classes meeting on the UW Oshkosh campus in the evenings and online.

Bachelor of Applied Studies Degree

Students may complete course work leading to the Bachelor of Applied Studies degree with a major in Leadership and Organizational Studies, or a Bachelor of Applied Studies degree with a major in Fire and Emergency Response Management.

The BAS Degree includes three components: (1) the General Education required course work, (2) course work to satisfy the Leadership and Organizational Studies or Fire and Emergency Response Management major coursework, and (3) elective courses to meet minimum graduation requirements.

General Education required course work: Students complete general education requirements by taking the approved general education courses. See General Education Grid Minimum University Requirement in the Undergraduate Bulletin.

Transfer of general education course work: The Bachelor of Applied Studies degree program recognizes the Associate of Arts and Science degree from University of Wisconsin System institutions as having satisfied most of the program's General Education requirements. Associate degrees from technical colleges and universities are evaluated on a course-by-course basis in accordance with UW Oshkosh transfer credit policies. Students may apply to UW Oshkosh after they have been enrolled in an AAS Fire Science and Emergency Response degree program.

- **The Major(s)**

A. The Leadership and Organization Studies Major

- The Leadership and Organizational Studies major consists of cross-discipline studies in communications, leadership skills, conflict resolution, and quantitative reasoning. The course work emphasizes verbal and written communication skills, problem solving, and critical analysis. See Section VI for required course work.
- Electives: Students are required to take elective credits to meet the 120-credit minimum for the BAS degree.
- The Leadership and Organizational Studies major cannot apply more than 30 units (crs.) earned in business-related courses (as defined by the Association to Advance Collegiate Schools of Business) to the BAS degree. This includes credits earned at UW Oshkosh as well as credits transferred into the degree program from other institutions.
- 45 Credit Block from the AAS Major of a NEW ERA Technical College. *Note: These credits will not apply or transfer out to any other UW Oshkosh degree program.*
- Approximately 15 General Education Credits from an approved Technical College.
- Any additional credits to complete the required 42 General Education totals)
- Prerequisites completed for all beginning coursework to include:
 - AAS degree from a WTCS institution with a 2.5 GPA
 - Communication 111
 - English 101 or WBIS 188
- Prerequisites completed for all 400-level coursework to include:
 - PBIS 189 or Math 109 with a grade of C or better

B. The Fire and Emergency Response Management Major

- The Fire and Emergency Response Management major consists of interdisciplinary theme and contemporary issue courses, research seminars and a final capstone seminar, all which emphasize verbal and written communication

skills, problem solving, and critical analysis. See section VI for required course work.

- **The Minor(s)**
 - None offered. The BAS degree program does not require completion of a minor. Students may elect to minor in an area of interest outside of the BAS degree program (e.g., Business, English, Environmental Studies, Psychology, etc.). Availability of course work for completion of a minor outside of the BAS degree program is dependent upon departmental offerings for the minor selected.

Admission/Graduation Requirements

BAS Degree

Admission to the BAS degree program is governed by the general admission policies of the University as stipulated in this Undergraduate Bulletin. Applicants to the BAS program must have successfully completed a high school diploma or Graduation Equivalency Diploma (GED/HSED) and, in the case of reentry and transfer students, must enjoy good academic standing with a minimum of a 2.0 cumulative grade point average for all prior collegiate work. In addition, applicants to a BAS degree program must have completed an approved AAS degree from a Wisconsin Technical College. (Graduates of other technical college or community college programs will be assessed on an individual basis.) Approved AAS programs are specific to the major to which the student is applying. Lists of approved AAS programs can be found on the Center for New Learning web site.

- Graduation requirements:
 - The BAS Degree requires the completion of a minimum of 120 earned semester credits, including required general education course work, the required courses for the Leadership and Organizational Studies major or the Fire and Emergency Response Management major, and a sufficient number of elective credits to meet the 120 credit requirement.
- General Baccalaureate Degree requirements:
 - At least 30 credits of the 120 semester credits applied to the degree must be earned in UW Oshkosh courses.
 - At least 15 of the final 30 semester credits applied to the degree must be earned in UW Oshkosh courses.
 - A minimum of 35 of the 120 semester credits must be earned in upper-level courses (courses recognized and numbered at the 300 and 400 level).
 - The BAS degree requires a minimum grade point average of 2.00 (on a 4.00 scale) in the following categories:
 - Official grade point average
 - All upper-level credits attempted
 - All credits in the major

Required Core Courses

See Majors section

The Major(s), with Emphasis and/or Options

1. LEADERSHIP AND ORGANIZATIONAL STUDIES MAJOR

- **Required Units (crs.)** 33 minimum
- **Required Courses:**

Liberal Studies:

- Liberal Studies 301 Contemporary Global Issues & Problems 3 cr.
- Liberal Studies 302 The Web of the Future: Workplace and Communication Trends 3 cr.
- Liberal Studies 319 Creating Presentations in the Virtual Workplace 3 cr.
- Liberal Studies 325 Introduction to Organizational Administration 3 cr.
- Liberal Studies 335 Transformative Leadership 3 cr.
- Liberal Studies 336 Collaborative Leadership Dynamics 3 cr.
- Liberal Studies 337 Conflict Resolution: Mediation, Negotiation, Arbitration 3 cr.
- Liberal Studies 405 Project Planning & Implementation 3 cr.
- Liberal Studies 436 Capstone Applied Learning Project 3 cr.
- Liberal Studies 466 Applied Data Gathering & Analysis 3 cr.

Communication:

- Communication 318 Intercultural Communication 3 cr.

2. FIRE AND EMERGENCY RESPONSE MANAGEMENT MAJOR

- **Required Units (crs.)** 41 minimum
- **Required Courses:**
 - Liberal Studies 209 2 cr.
 - English 309 3 cr.
 - One of the following:
 - Communication 304 or Liberal Studies 319 3 cr.
 - One of the following:
 - Communication 215 3 cr.
 - Communication 267 3 cr.
 - Communication 443 3 cr.
 - Communication 436 3 cr.
 - Public Administration 307 3 cr.
 - Public Administration 365 3 cr.
 - Liberal Studies 337 3 cr.
 - Liberal Studies 338 3 cr.
 - Liberal Studies 466 3 cr.
 - Liberal Studies 410 3 cr.
 - One of the following:

- Liberal Studies 335 3 cr.
- Liberal Studies 336 3 cr.
- One of the following:
 - Liberal Studies 315 3 cr.
 - Public Administration 362 3 cr.
- One of the following:
 - Liberal Studies 463 3 cr.
 - Public Administration 369 3 cr.
- One of the following:
 - Urban Planning 300 3 cr.
 - Public Administration 366

The Minor(s)

None

Course Offerings

- **Liberal Studies 101** 3 units (crs.)

Adult Development in Contemporary Writings

Presents the foundations of human behavior and the opportunity for each student to discover and understand his or her own learning and behavior styles. The student then applies these learning characteristics to the concepts of adult development.

- **Liberal Studies 102** 3 units (crs.)

The Family in Contemporary Society

Acquaints students with research and data on the family so that they can recognize some of their biases, re-examine common generalizations, and develop a knowledge base for making choices and decisions about their own life styles. Conflict resolution and decision-making tools are presented so the student can apply them in personal and vocational settings.

- **Liberal Studies 104** 3 units (crs.)

Human Speech Communication

Designed to help each student develop verbal communication skills, learn to respond directly and appropriately in job and class situations, deliver planned and organized presentations, and gain confidence in speech communications situations. The student identifies and remedies his or her own areas of communications weaknesses.

- **Liberal Studies 105** 3 units (crs.)

Development of the American Character (SS)

Identifies the origins and development of the basic national character traits of the American people. Students analyze these traits' influence upon succeeding generations, the impact upon today's society, and the influence upon the student as an individual.

- **Liberal Studies 106** 3 units (crs.)

Deviance and Delinquency in Contemporary Society

Examines deviance and its changing definitions; provides students with a better understanding of the social order and behavior society considers 'normal.' Analyzes the way deviant patterns and life styles are developed and organized. Students will research how society and its agencies have traditionally responded to and attempted to control 'deviancy.'

- **Liberal Studies 107** 3 units (crs.)

Development of the American Political Process (SS)

Uses national traits identified in Liberal Studies 105 to analyze the development, growth and maturity of America's political processes. Continuity and change in the political process will be examined in light of the contributions of the nation's outstanding leaders. Students identify future trends evolving from the past and evaluate the trends' significance upon American democracy.

- **Liberal Studies 108** 3 units (crs.)

America's Role in World Politics (SS)

Explores the foreign policy of the United States since World War II. Investigates the goals the United States has sought, the values and ideals these goals have reflected, and the means used to realize foreign policy goals and ideals. The element of change and continuity from past to present will be traced, offering students an opportunity to analyze America's contemporary role in international affairs in light of past successes and failures.

- **Liberal Studies 150** 1 unit (cr.)

Child in History

Surveys selected aspects of child rearing practices from the ancients to the 20th century and focuses on how parental attitudes have changed through the centuries. Self-paced elective.

- **Liberal Studies 151** 1 unit (cr.)

Evolution of Adolescence

Examines the rise, growth and decline of the concept 'adolescence' in its historical setting. Self-paced elective.

- **Liberal Studies 152** 2 units (crs.)

Psychohistorical Biography

Surveys selected psychological aspects of three men - Woodrow Wilson, Adolf Hitler, and Richard Nixon - who have made significant contributions to history. Self-paced elective.

- **Liberal Studies 200** 3 units (crs.)

Humanities: Culture & Values (HU)

Introduces students to various important art forms and begins the interesting process of developing a workable definition of the humanities, especially through disciplines of philosophy, literature, music and art. Students see how the humanities are related to important social issues and to their own individual concerns.

- **Liberal Studies 201** 3 units (crs.)

The Humanities: The Return to Romanticism (HU)

Focuses on the strong reemergence of the romantic attitude in the 1960s and 1970s. After a grounding in the historical and philosophical implications of romanticism, students study artistic manifestations of this attitude, especially in the novel, short story, poetry, and architecture

- **Liberal Studies 202** 3 units (crs.)

The Humanities Confront Violence and Aggression (HU)

Explores various forms of violence, including war, and considers the reaction of creative talent in the humanities to the problem of violence in American society. The course gives particular attention to two forms of mass media that have shown a preoccupation with violence, the motion picture and the novel, for an in-depth humanistic approach to this important social issue.

- **Liberal Studies 203** 3 units (crs.)

The Humanities Meet Science and Technology (HU)

Explores the historical and philosophical roots of mankind's hopes and fears concerning science and technology. Students see how such hopes and fears have been reflected in various art forms, especially drama and literature.

- **Liberal Studies 204** 3 units (crs.)

Science: Its Methods and Language

Introduces students to the scientific method, the role of mathematics (modeling and tools), the formulation of scientific laws, the process of revision of and/or revolution in scientific knowledge, and its growth and effect on human society.

- **Liberal Studies 205** 3 units (crs.)

Energy, Matter and the Universe

Addresses the elementary concepts of the basic physical forces in nature (mechanical forces, electromagnetic forces, special properties of light, etc.), as well as the relationship between energy and matter, the nature of matter, the nature of the atom, the structure of the universe, the birth and death of stars, the solar system and its planets, and extraterrestrial living matter.

- **Liberal Studies 206** 3 units (crs.)

From Atoms and Molecules to Living Matter

Concentrates on the elementary concepts of the chemistry of matter, the evolution of matter, the properties of living matter and its evolution from nonliving matter, the cell, and the replication of life. It also deals with the response of living matter to the evolution of the environment brought about by geological changes of the planet.

- **Liberal Studies 207** 3 units (crs.)

Evolution: Becoming and Being Human

Deals with the evolution of vertebrae, culminating on human evolution, first as a continuation of the biological and then the coming of cultural Evolution; the latter leading to the tremendous success of the species, but bringing in its wake all the problems of over-population, pollution, genetic tampering, war, and perhaps even the possibility of extinction of life.

- **Liberal Studies 208** 3 units (crs.)

The Ecology of Occupation

Examines the relationships between occupation (both work and discretionary) and values, identity and health/wellness in contemporary society. Focuses on the complex variables (economic, psychological, sociological, genetic) which affect occupational choice, and hence our freedom (or lack thereof) to engage in meaningful, rewarding occupation.

- **Liberal Studies 209** 3 units (crs.)

Introduction to Liberal Studies

Introduces the concepts related to self-directed, life-long learning with a focus on various types of thinking and writing skills through exposure to a broad range of academic subjects. Students will be introduced to the principles and processes involved in developing a learning portfolio, which will be required in their Capstone course.

- **Liberal Studies 221** 3 units (crs.)

American and European Drama in Contemporary Society

Focuses on the major movements in modern and contemporary drama such as realism, existentialism, and absurdism. Playwrights studied include Henrik Ibsen, Albert Camus, Eugene Ionesco, Tennessee Williams, Arthur Miller, and Edward Albee.

- **Liberal Studies 230** 3 units (crs.)

Introduction to Leadership

This course will introduce students to a variety of theories and issues involved with leadership, including power and influence; vision, values and ethics; effecting change through teams and coalition; and the importance of embracing diversity. Examples will be drawn from a broad range of contexts, including organizations, education, politics, and communities.

- **Liberal Studies 270** 3 units (crs.)

Writing with Purpose

This course offers intensive instruction in (1) writing clear, coherent, correct, persuasive prose, (2) reading and thinking critically, and (3) conducting library research and/or interviews and integrating primary and secondary sources into your own texts. The focus will be on writing clearly and purposefully, developing individuals' writing skills necessary for academic and professional success. Taught exclusively on-line, learners will be engaged in reading analyzing, researching, thinking, writing, and re-writing to learn that everything written holds power to persuade, inform, or confuse by writing memos, reports, and essays.

- **Liberal Studies 300** 3 units (crs.)

Research and Report Writing in the Social Sciences

The student gathers and analyzes data and puts the data into a readable narrative, thus strengthening skills essential to the world of business. A family history or portrait is the vehicle for furthering the skills of research, analysis and writing. This vehicle is examined in terms of cultural, economic, political and religious environments. Among other items, it also includes social patterns and mores, migration, genealogy and ethnicity.

- **Liberal Studies 301** 3 units (crs.)

Contemporary Global Issues and Problems

This course explores the ethical and religious dimensions of several global challenges in contemporary international society: (1) the expanding role of religion as a motivation for violence as well as a force for justice and peace; (2) the increasing deterioration of the global environment; (3) international efforts to protect human rights in countries where there is systematic oppression or genocide; and (4) the chronic gap in wealth between rich and poor nations.

- **Liberal Studies 302** 3 units (crs.)

The Web of the Future: Workplace Communication and Trends

Examines the history, operation, economics, and applications of computer technology and its significance in contemporary life. Consideration is given to a careful description of present technology and what some of the main decisions are that must be made if humanity is to utilize and control this technology.

- **Liberal Studies 303** 3 units (crs.)

Ethnicity and Demography in Wisconsin (ES) (SS)

Examines the historical influence of varied ethnic settlements, cultural diversity, changing economic foundations, and population shifts upon the government and politics of Wisconsin with particular reference to the Fox Valley. Elective.

- **Liberal Studies 304** 3 units (crs.)

Research and Report Writing in the Humanities

Enables the student to develop increased skills in using library resources for exploring a specific topic in the humanities, in taking notes on the data, and in evaluating such data. Students are

expected to refine writing skills, and present the results of their research in a substantial paper written in a form suitable for publication.

- **Liberal Studies 305** 3 units (crs.)

Religious and Ethical Values in American Society

This course examines the role of religion in American public life historically and in recent times. It provides a perspective on the meaning of the separation of church and state as understood by the Founding Fathers, as interpreted by Supreme Court over time, and in current political debates. The course also analyzes a variety of ethical and religious perspectives that underlie contemporary cultural conflicts over the proper direction of some of our most important social institutions-the family, schools, and the legal system. Finally the course explores the moral and religious arguments surrounding four critical issues-abortion, euthanasia, capital punishment, and affirmative action-and what public policies should result from these positions.

- **Liberal Studies 306** 3 units (crs.)

Popular Culture in Mass Media

This course will examine key issues related to popular culture and its representation in different media. In an attempt to focus and organize our consideration of this rather nebulous phenomenon, we will approach the course theme in three ways. First, we will discuss some narratives about popular culture. Second, we will then study the role of narrative in popular culture (and its importance in how we make sense of the world in general). Third, we will explore a couple of the most prevalent "pop culture" genres such as a gangster film, a mystery novel and others.

- **Liberal Studies 307** 3 units (crs.)

Encountering the Arts

An interdisciplinary study of the arts in which relationships are drawn among music, visual arts, literature and drama. Students gain insights into the various artistic expressions of human feeling--their distinctive relationships and individual qualities. Significant cultural patterns that have influenced the arts in the Western and non-Western world are explored. Elective.

- **Liberal Studies 309** 3 units (crs.)

Development of Scientific Ideas

Encourages analysis and understanding of the ideas that have effected scientific developments over the last two thousand years. Examines the growing ability of scientists to understand the phenomenon of nature; specifically, it peruses seminal ideas in astronomy, biology, physics and other sciences. Addresses broad scientific ideas and notes their practical significance for man.

- **Liberal Studies 310** 3 units (crs.)

Laboratory Experiences in Science

Provides students with the opportunity to perform interdisciplinary, independent experiments in the physical sciences. Purposes of such activity will be to recreate the methodology and processes of the scientific method and explore its relevance in today's society.

- **Liberal Studies 311** 3 units (crs.)

Environmental Issues

Introduces students to the complexities of environmental problems confronting today's global citizens. Focuses on a series of environmental issues that are, and have been, difficult to resolve. Readings, audiovisual materials, and discussions on three or more environmental controversies are employed to illustrate the many aspects of each issue that should be explored. Students investigate a problem of their choice for presentation to the class in written or oral form. A field

trip extends ecological background and provides additional information on a major issue addressed in the course.

- **Liberal Studies 315** 3 units (crs.)

Managing People at Work

Examines the human resource management component of the management process. The course includes both theory and application related to effectively managing individuals in their work roles. Elective.

- **Liberal Studies 318** 3 units (crs.)

Ethics and Decision Making in Organizations

Analysis of the influences on decision making in a variety of organizational contexts and the impact on individuals and society. Students will investigate how culture, science and technology, religion, politics and the economy affect the decisions made at a variety of levels in organizations, and the effects of those decisions. Particular focus will be on the resolving ethical dilemmas which might result from value conflicts, such as between social and responsibility and financial interests. Prerequisites: Liberal Studies 109 or consent of instructor.

- **Liberal Studies 319** 3 units (crs.)

Creating Presentations in the Virtual Workplace

This course offers guidance and examples on how to create effective online mediated presentations in a workplace, which is increasingly dependent upon computer technology as a means to communicate globally. The course provides students with an understanding of effective presentation creation strategies utilizing storytelling techniques. In addition students will learn the use of new media techniques to optimize organizational, networked and web presentations. Students will create web-based new media web presentations utilizing graphics, animation, and integrated recorded speech.

- **Liberal Studies 320** 3 units (crs.)

Gendered Lives (SS)

Analysis of how gender affects human experiences throughout the lifespan, from infancy through old age. Using insights from social science theories of human development and of gender, explores how males and females are expected to behave, how they actually define themselves, and how they act out or challenge gender prescriptions, at each stage of the life cycle. Cross-listed: Liberal Studies 320/ Women's Studies 320. Students may receive credit for only one of the two cross-listed courses.

- **Liberal Studies 325** 3 units (crs.)

Introduction Organizational Administration

The course provides the student an introduction to some recent and successful theories and practices of organizational administration, including communication basics, persuasion, critical and empathetic listening, leadership development, systems and strategic thinking, planning, programming and budgeting, cognitive complexity, leadership styles and development, total quality management, the improvement of human performance, and learning organizations. The student will also have an introduction to ethics, external affairs, and crisis planning and management.

- **Liberal Studies 331** 1-3 units (crs.)

Study Tour

Study tours to various world regions directed and led by faculty members of the Liberal Studies Program. Tours are designed to provide undergraduate students with direct contact with other

cultures and societies. Tours include background reading and classes, field lectures, presentations, a trip log and reporting by students as specified by the instructor. Information on specific tours, fees, transportation, and expenses will be announced each time the course is scheduled. Prerequisite: Permission of the instructor and program director. Course is offered jointly by the Liberal Studies Program and the Division of Continuing Education. Course may be repeated with different content.

- **Liberal Studies 335** 3 units (crs.)

Transformative Leadership

Transformative leadership is a creative, passionate and authentic expression of service inspired by the leadership wisdom of Bennis, Drucker, Greanleaf, Hesselbein, Hooks, and Quinn. In this course learners will have the opportunity to identify and develop individually unique and effective leadership styles and approaches. Through a combination of inventories, reflection and experiential activities learners will explore their passion and what constrains their leadership as well as how they impact and influence others. Learners also will observe and analyze the leadership styles of leaders with whom they associate. Prerequisites: None.

- **Liberal Studies 336** 3 units (crs.)

Collaborative Leadership Dynamics

This course is designed to introduce a theoretical framework for collaborative leadership and the elements of group dynamics that support and maintain its success. Opportunities to integrate theory and practice will be provided to assist learners in understanding how groups function and how they, as leaders, impact the ability/behaviors of the group for solving personal, interpersonal, group, and organizational problems. Prerequisites: None.

- **Liberal Studies 337** 3 units (crs.)

Conflict Resolution: Negotiation, Mediation and Arbitration

Designed to introduce learners to the study of ADR, or Alternative dispute resolution, this course explores the resolution of conflict through negotiation, mediation and arbitration. A variety of approaches for resolving conflict are examined, from the adjudicative (arbitration, private or special judging, neutral fact-finding) to the evaluative (peer, lay, judicial, and expert evaluation) to the mediative. Emphasis is given to the mediative process and its usefulness in a wide range of venues. Learners will be given multiple opportunities to integrate theory and practice in the development of conflict resolution skills. Prerequisites: None.

- **Liberal Studies 338** 3 units (crs.)

Mentoring and Development

This course will examine the principles and techniques of effective mentoring, the mentor as change agent within the organizational entity and the impact mentoring programs have in organizational settings overall. Students will examine and critically analyze their mentoring experiences as well as the content of existing programs, and propose recommendations on how to develop or enhance a mentoring culture in a given organization. Prerequisite: Communication 214 or Communication 215.

- **Liberal Studies 380** 3 units (crs.)

Learning Systems in the Workplace

This course studies the theory, development, and implementation of training and its relationship to Human Resources Development and business goals and objectives. Focus is on entire systems from analysis to delivery including needs assessment, program design, training methodologies, and evaluation. Team development and presentation of a comprehensive training module required.

- **Liberal Studies 400** *1-3 units (crs.)*

Topics in Organizational Administration: Optional Content

This course presents a study of selected current, relevant organizational administration topics. Students may repeat the course once provided the topics presented are different. Topics will stress the continuing development of learning organizations, continuing changes in organizational leadership and process, and/or continuing application of critical thinking to organizational problems. Prerequisite: Permission of instructor.

- **Liberal Studies 405** *3 units (crs.)*

Project Planning and Implementation

This course includes the "science" of initiating, planning, executing, controlling and closing projects, following the proven structure developed by the internationally-recognized Project Management Institute. Topics also cover the "art" of time management, conflict resolution and effective communication and partnerships-methods and behaviors associated with successful projects. This course uses a series of case studies, problems and papers designed to help learners demonstrate their ability to apply course topics to workplace settings.

- **Liberal Studies 410** *1-3 units (crs.)*

Capstone Seminar

Designed as a culminating or 'capstone' learning experience, this course focuses on the integration of concepts and ideas from previous Liberal Studies courses. Prerequisite: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 411** *3 units (crs.)*

Senior Research Seminar

The Senior Research Seminar provides an overview of approaches to research and the assumptions that underlie each. Particular emphasis is given to the correspondence between research methods and epistemological orientation. Students develop a research questions and perform a preliminary literature review around a topic of their choice. This course is the prerequisite companion course to Liberal Studies 412, the Senior Research Project. Prerequisites: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 412** *3 units (crs.)*

Senior Research Project

The Senior Research Project guides the student through the completion of a research project. Working with a mentor or adjunct faculty member and the instructor, the student conducts the appropriate research and presents the conclusions in an acceptable format and style. The successful completion of this project is contingent upon upper level thought processes - analysis, synthesis, summarization and drawing conclusions - as well as competence in reading, writing and speaking. This course is the companion course to Liberal Studies 411, Senior Research Seminar. Prerequisites: PBIS 189 and Liberal Studies 411, Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 425** *3 units (crs.)*

Senior Seminar in Organizational Administration

Focuses the student's prior work, both on and off campus, on the applied and the theoretical basis of the organization, of leadership, and on the efforts of people within an organization. This seminar will, through reading, class lectures and discussions, applied research and presentations, in written and oral reports, seek understanding of the theories and operational definitions of organizations and leadership. The student will be able to analyze existing organizations for problems or opportunities in organizational operation, leadership, and team efforts. The student

will be able to design plans, programs, strategies, tactics, and resource requirements to accomplish predetermined goals and objectives. The student will be required to convince his/her classmates of the validity of the findings and proposals. They will be evaluating each other's work and that evaluation will likewise be evaluated. Prerequisites: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 436** 4 units (crs.)

Capstone Applied Learning Project

This course is designed as a culminating or "capstone" learning experience for adults nearing the completion of the baccalaureate degree through the Center of New Learning. The fundamental aim of the course is to equip participants with the learning capacities and competencies necessary for continued personal, civic and career growth. This course is an individually planned learning project that combines the concepts and ideas mastered through coursework with actual workplace environments. The student, the instructor and a workplace mentor will agree on an applied learning project. Goals, objectives, and a preliminary plan will be approved in writing by all three parties before the project is begun. The project will be supervised by the University instructor and the workplace mentor and will include a literature review and commentary, original work and a final report and presentation. Prerequisites: Senior-level standing.

- **Liberal Studies 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: PBIS 189.

- **Liberal Studies 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Liberal Studies 463** 3 units (crs.)

Budgeting & Bookkeeping for Program Managers

This course provides the students an opportunity to learn the basics of budgeting and bookkeeping. The course of study will help prepare program and profit center managers to develop and manage their budgets and expenditures. They will also have the opportunity to learn to use accounting information and make monetary and financial decisions. The relationship between organizations and the national economy and monetary decisions will also be discussed. Prerequisite: PBIS 189.

- **Liberal Studies 466** 3 units (crs.)

Applied Data Gathering and Analysis

Using data effectively in the workplace: the collection, analysis, and interpretation of data for decision-making and problem solving within organizations. Topics include question posing, qualitative data gathering and analysis, quantitative data gathering and analysis, descriptive statistics, beginning inferential statistics, feasibility techniques, and process analysis. This course will use an extensive series of cases and problems and conclude with student projects that demonstrate an ability to take a problem from inquiry and data gathering, through analysis and solution identification, to formal presentation. Prerequisite: PBIS 189.

Art

Information

Edwin Jager, Chairperson
Department Office: Arts and Communication 325
Department Telephone: 920-424-2222
Code 22 or ART

Faculty

Bae, Calderwood, Cutler-Lake, Hoefflerle, Hu, Jager, Lipschutz, Masters, Maxwell, Panske, Pontynen, Redington, Sandberg, Strauch-Nelson

Degrees

- **Undergraduate:** A major in art can lead to the degrees: Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts.
- **Graduate:** None
- **Comment:** The Art Degree programs offered have been designed to meet national and state standards of excellence in order to offer students the greatest opportunity for success after graduation. A wide variety of art courses are offered to introduce students to an exciting spectrum of theoretical and practical possibilities in the Arts.

Summary of Fields of Study

1. **Goal(s)**
 - To be conversant in the language and concepts of the broad field of learning accepted as the visual arts including an understanding of social and aesthetic history. To master materials, tools and specialized techniques as related to the emphasis. To accept criticism of art projects from instructors and professionals in specific areas of emphasis and to work toward redefined artistic conclusions.
2. **The Major(s)**
 - The Department offers 2 majors. These are: 1) Fine Arts, 2) Art.
 - Within the Fine Arts Major, the Department offers a choice of 4 emphases:
 - 2-D Studio
 - 3-D Studio
 - Design

- Art Education
- 3. **The Minor(s)**
 - The Department offers two minors: Studio Art and Art History.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum cumulative grade point average of 2.00 in all courses required for the Art major or minor. Refer to the following for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.

Required Core Courses

- **Art History Foundation Requirements:**
 - *Art*
 - Art 109 Art History Survey 3 cr.
 - Art 110 Art History Survey II 3 cr.
- **Art Studio Foundation Requirements:**
 - *Art*
 - Art 111 Drawing I 3 cr.
 - Art 112 2-Dimensional Design and Color 3 cr.
 - Art 114 3-Dimensional Design 3 cr.

The Major(s), with Emphasis and/or Options

1. FINE ARTS MAJOR

Recommended for students who wish to prepare for a professional career in the studio arts, to satisfy entrance requirements for graduate art studio programs, or to become art teachers (Art Education (K-12) emphasis). Students completing the Fine Arts major and the University's baccalaureate degree requirements will earn the Bachelor of Fine Arts degree.

All Art Majors (BFA, BA, BS) will be required to take a Post-Foundation Portfolio Review. The review will take place after completion of the studio foundation core courses (Art 111, 112, 114). Passing the portfolio review is required for entry into the BFA, BA, BS programs.

Note: All 400-level studio courses may be repeated.

A. 2-D Studio Emphasis

Required Units (crs.): 82 minimum

Required Courses: In addition to the Core Courses:

- **Art:** Art 142, 234, 490.
- **Three courses from the following:** Art 310, 311, 312, 313, 314, 315, 317, 320, 321, 322, 323, 482.

Additional Requirements:

- 30 units (crs.) required
 - 12 units (crs.) from one of the 2-D areas.
 - 3 units (crs.) from each of the other 2-D areas not previously chosen.
 - 9 units (crs.) of electives from the 2-D area
- 12 units (crs.) from three different 3-D areas.
- Advanced Electives-9 crs. from any 300-level or above studio art courses, may include up to 6 crs. of Art History. *Note: Art 300, 329, 354, 355, 356 do not apply.*

2-D

- Drawing: Art 204, 304, 334, 404, 434
- Painting: Art 241, 275, 341, 375, 441, 475
- Photography: Art 245, 345, 445
- Printmaking: Art 259, 260, 261, 262, 359, 360, 361, 362, 459, 460, 461, 462

3-D

- Art Metals: Art 263, 363
- Ceramics: Art 271, 371
- Fibers: Art 231, 247, 331, 347, 431, 447
- Functional Design: Art 252, 352
- Sculpture: Art 267, 367

B. 3-D Studio Emphasis

Required Units (crs.): 82 minimum

Required Courses: In addition to the Core Courses:

- **Art:** Art 142, 234, 490
- **Three courses from the following:** Art 310, 311, 312, 313, 314, 315, 317, 320, 321, 322, 323, 482.

Additional Requirements:

- 30 units (crs.) required
 - 12 units (crs.) from one of the 3-D areas.
 - 3 units (crs.) each from three other 3-D areas not previously chosen.
 - 9 units (crs.) of electives from the 3-D area.
- 12 units (crs.) from three different 2-D areas.
- Advanced Electives-9 crs. from any 300-level or above studio art courses, may include up to 6 crs. of Art History. *Note: Art 300, 329, 354, 355, 356 do not apply.*

2-D Areas:

- Drawing: Art 204, 304, 334
- Painting: Art 241, 275, 341, 375
- Photography: Art 245, 345
- Printmaking: Art 259, 260, 261, 262, 359, 360, 361, 362

3-D Areas:

- Art Metals: Art 263, 363, 463
- Ceramics: Art 271, 371, 471
- Fibers: Art 231, 247, 331, 347, 431, 447
- Functional Design: Art 252, 352, 452
- Sculpture: Art 267, 367, 467

C . Design Emphasis

Required Units (crs.): 82 minimum

Required Courses: In addition to the Core Courses

- **Art:** Art 142, 234, 490
- Three Upper Level Art History (9 crs.) from the following list:
 - Art 310, 311, 312, 313, 314, 315, 317, 320, 321, 322, 323, 482.
- **Art:** Art 238, 239, 252, 336, 338, 438.
- 12 units (crs.) from three of the four 2-D categories. 3 crs. must be from the 300-level.
- 6 units (crs.) from the 3-D area.
- Electives-15 crs. from the following courses: Art 342, 352, 436, 437, 438, 439, 442, 452, 481, 491

2-D

- Drawing: Art 204, 304, 334
- Painting: Art 241, 275, 341, 375
- Photography: Art 245, 345
- Printmaking: Art 259, 260, 261, 262, 359, 360, 361, 362

3-D

- Art Metals: Art 263
- Ceramics: Art 271
- Fibers: Art 231, 247
- Sculpture: Art 267

D. Art Education

Required Units (crs.): 66 minimum

Required Courses: In addition to the Core Courses

- Art: Art 142, 234, 253, 354, 356
- Secondary Education 366. Note: Secondary Education 366 is taken for one credit concurrently with Art 253, 354, 356
- Three courses from the following: Art 310, 311, 312, 313, 314, 315, 317, 320, 321, 322, 323, 482
- 12 units (crs.) from the 2-D areas: 6 units (crs.) from one area and 6 units (crs.) from two other areas not previously chosen
- 12 units (crs.) from the 3-D areas: 6 units (crs.) from one area and 6 units (crs.) from two other areas not previously chosen
- 3 units (crs.) of electives. Note: Art 101, 105, 203, 355 do not apply

2-D

- Drawing: Art 204, 304, 334
- Painting: Art 241, 275, 341, 375
- Photography: Art 245, 345
- Printmaking: Art 259, 260, 261, 262, 359, 360, 361, 362

3-D

- Art Metals: Art 263, 363, 463
- Ceramics: Art 271, 371, 471
- Fibers: Art 231, 247, 331, 347, 431, 447
- Functional Design: Art 252, 352, 452
- Sculpture: Art 267, 367, 467

2. ART (GENERAL) MAJOR

Students may elect to take the Art (general) Major through either the Bachelor of Arts or the Bachelor of Science degree program. It is required to have a minor with this major.

All Art Majors (BFA, BA, BS) will be required to take a Post-Foundation Portfolio Review. The review will take place after completion of the studio foundation core courses (Art 111, 112, 114). Passing the portfolio review is required for entry into the BFA, BA, BS programs.

Note: All 400-level studio courses may be repeated.

Required Units (crs.): 42

Required Courses:

- **Art:** Art 109, 110, 111, 112, 114, 142

Electives: 24 units (crs.)

Select 18-21 units (crs.) from the following lists of studio courses. No more than 12 credits may be taken from any one of the three lists and a minimum of 6 credits must be at the 300 or 400 level:

- **2-D Studio List:**
 - Drawing: Art 204, 234, 304, 334, 404, 434
 - Painting: Art 241, 275, 341, 375, 441, 475
 - Photography: Art 245, 345, 445
 - Printmaking: Art 259, 260, 261, 262, 359, 360, 361, 362, 459, 460, 461, 462
 - Special Topics: Art 305
- **3-D Studio List:**
 - Art Metals: Art 263, 363, 463
 - Ceramics: Art 271, 371, 471
 - Fibers: Art 231, 247, 331, 347, 431, 447
 - Functional Design: Art 252, 352, 452
 - Sculpture: Art 267, 367, 467
 - Special Topics: Art 306
- **Design List:**
 - **Art:** Art 238, 239, 309, 336, 338, 342

Select 3-6 units (crs.) from the following list of art history courses:

- **Art:** Art 308, 310, 311, 312, 313, 314, 315, 317, 320, 322, 323, 324, 482.

The Minor(s)

1. **STUDIO ART MINOR**

Recommended for students who wish a basic background in the studio arts as a complement to another major.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Art:** Art 109, 110, 111, 112, 114, 142.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement including these studies:
 - **Art:** 6 units (crs.) from 2-Dimensional Studio, 3-Dimensional Studio and Design Courses.

2. **ART HISTORY MINOR**

Recommended for students who wish to undertake a more comprehensive course of study in the history of art.

Required Units (crs.): 24 minimum

Required Courses: (6 crs.): Art 109, 110

Electives: (15 crs.): Students will chose five elective courses, one from each of the following periods of art:

- Ancient: Art 310
- Medieval: Art 311, 312
- Renaissance/Baroque: Art 313, 314, 315
- Modern: Art 320, 321, 322, 323, 324
- Non-Western: Art 317
- Art History Seminar: Art 482 (*May fulfill one of the period requirements, depending on contact as approved by instructor*)

Capstone Course: (Art 484, 3 crs.): To be selected as an Art History Seminar offered on an on-going basis.

Course Offerings

- **Art 101** 3 units (crs.)

Elements of Studio Art (HU)

This course is designed to give non-Art Majors experiences in a variety of 2D and 3D Studio Art Media and techniques in an effort to expand their knowledge, appreciation and understanding of Art and Design within the context of the Liberal Arts. (For non-Art Majors and Minors only.)

- **Art 105** 3 units (crs.)

Understanding the Arts (HU)

Providing students with an education that increases their understanding and appreciation of the visual arts. (Not applicable to art major or minor.)

- **Art 109** 3 units (crs.)

Art History Survey I (HU)

This course will provide an overview of the history of Western art from the Prehistoric Period through the Middle Ages.

- **Art 110** 3 units (crs.)

Art History Survey II (HU)

This course will provide an overview of the history of Western art from the Renaissance to Postmodernism. Prerequisite: Art 109

- **Art 111** 3 units (crs.)

Drawing I

Beginning studio course in drawing for Art Majors and Minors. Emphasis on developing basic skills, and creative expression through visual exploration and problem solving. Special fees may apply.

- **Art 112** 3 units (crs.)

2-Dimensional Design and Color

Students will produce a series of projects designed to develop visual and technical skills that enable them to apply the principles and elements of 2D design in a creative way. Beginning problems in color theory will be introduced. Special fees may apply.

- **Art 114** 3 units (crs.)

3-Dimensional Design

The course presents the theory and application of fundamental three-dimensional principles. Special fees may apply.

- **Art 115** 3 units (crs.)

Honors: Understanding the Arts (HU)

This course provides students with exposure to the visual arts across cultures so that they acquire the critical skills for understanding and appreciating art in historical terms and contemporary practice.

- **Art 142** 3 units (crs.)

Introduction to Digital Art

An introductory level class for using Macintosh computers and Adobe software as tools in the process of both art making and design. Basic print and web skills will be covered. Prerequisites: Only open to Art majors, Fine Art majors and Art minors or with instructor's consent. Special fees may apply.

- **Art 203** 3 units (crs.)

Art: Concepts and Creations for the Elementary Educator (HU)

This course focuses on an elementary experience with basic art concepts, history, appreciation and materials. By learning two-dimensional and three-dimensional techniques and tool handling, students will be prepared to teach subsequent lessons of these in the following elementary education course: Teaching of Art (Art 355). This course will also teach some historical, aesthetic and philosophical ramifications of visual art for application in the teaching of art. Open only to the Elementary Educator. Special fees may apply.

- **Art 204** 3 units (crs.)

Advanced Drawing

Applying and exploring the elements and principles of art through drawing. Emphasis on drawing and composition. Prerequisite: 109, 110, 111, 112, 114.

- **Art 231** 3 units (crs.)

Fabric Design I

Survey of basic fabric design techniques and methods for transferring designs to textiles; including dyeing and printing. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 234** 3 units (crs.)

Beginning Figure Drawing

Drawing from the model with emphasis on figure composition; experimentation with a wide variety of drawing media.

- **Art 238** 3 units (crs.)

Design I

Assignments, discussions, lectures and critiques will examine the nature of graphic design problems, research, articulation and presentation. Students will explore design history, theory, technique and the formal language of design. Special attention will be paid to the fundamentals of typographic design. Prerequisites: Art 142 and Art 239. Special fees may apply.

- **Art 239** 3 units (crs.)

Design Fundamentals

Students will be introduced to the fundamentals of graphic design. Form analysis, visual phenomena, structure and system will be taught. Specialized areas within the field of design will be introduced and discussed. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 241** 3 units (crs.)

Watercolor I

The principles and techniques of watercolor as a medium of expression. Prerequisite: 109, 110, 111, 112, 114.

- **Art 243** 3 units (crs.)

Women in the Arts: Encounters (HU)

Women in the Arts: Encounters is a team-taught interdisciplinary course which provides an overview of the significant contributions of women in the arts, while offering a critical look at individual achievements and at societal attitudes and limitations which have impacted the nature and direction of women's artistic output. Students will gain hands-on experience through guided studio work in music, visual art and theater and the combination of these are forms via collaborative projects. Students may receive credit for only one of the cross-listed courses.

- **Art 245** 3 units (crs.)

Photography I

Fundamental photographic theory, basic camera handling, developing, printing and enlarging, and an introduction to photographic aesthetics. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 247** 3 units (crs.)

Weaving I

Exploration of fibers with techniques on and off the loom. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 252** 3 units (crs.)

Functional Design I

Design in wood and related materials. Understanding hand and machine tools in design. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 253** 3 units (crs.)

Foundations of Art Education

This course is designed to introduce students to the field of Art Education; its unique historic, social, and philosophic underpinnings, current practice and trends and its place in the general curriculum. The course will prepare students to effectively apply Art Education theory to design

appropriate art curriculum for all levels of instruction. Prerequisites: Concurrent enrollment in 1 credit of Secondary Education 366.

- **Art 259** 3 units (crs.)

Lithography I

Emphasis is on development of the basic technical skills and the overall aesthetic in creating a lithographic image. Single color images will be developed and editioned in this planographic medium. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 260** 3 units (crs.)

Intaglio I

Concentration in the basic intaglio techniques of etching, aquatint, mezzotint and drypoint. Exploration of these techniques through the development of the printed image. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 261** 3 units (crs.)

Woodcut I

The execution and design of relief prints in wood and linoleum. Development of creative imagery in single color and multiple color prints. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 262** 3 units (crs.)

Serigraphy I

Emphasis is on the development of the basic technical skills in fine art screen printing. Multiple color images are created using basic screen techniques. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 263** 3 units (crs.)

Art Metal I

The execution and design of jewelry, casting processes and hand wrought work. Developing a sound philosophy and understanding of art metal and its place in the fine arts field. Prerequisite: Art 109, 110, 111, 112, 114. Special fees may apply.

- **Art 267** 3 units (crs.)

Sculpture I

The fundamentals of sculpture using the basic techniques of modeling, carving, and casting. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 271** 3 units (crs.)

Ceramics I

Creative experience in the ceramic field; conditioning and handling of clay and glazes; the construction of ware by various methods including glazing and firing. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 275** 3 units (crs.)

Painting I

Materials and techniques of opaque painting media. Emphasis on problems of color and composition. Drawing or figure drawing recommended. Prerequisite: 109, 110, 111, 112, 114. Special fees may apply.

- **Art 300** 3 units (crs.)

Art for People with Disabilities

This course provides a practicum experience in the use of art with the cognitively disabled. Readings in the field are required. Prerequisite: Open to juniors and seniors with consent of instructor.

- **Art 304** 3 units (crs.)

Drawing II

Applying and exploring the materials and techniques of drawing as a medium of expression.

Prerequisite: Art 204.

- **Art 305** 1-3 units (crs.)

Special Topics in 2D Studio

An art course in 2D Studio on a topic not typically covered in the department's curriculum. Each time it is offered, the topic will be announced in the class schedule.

This course may be repeated with different content. Special fees may apply.

- **Art 306** 1-3 units (crs.)

Special Topics in 3D Studio

An art course in 3D Studio on a topic not typically covered in the department's curriculum. Each time it is offered, the topic will be announced in the class schedule.

This course may be repeated with different content. Special fees may apply.

- **Art 307** 1-3 (crs.)

Special Topics in Art Education

An art course in Art Education on a topic not typically covered in the department's curriculum. Each time it is offered, the topic will be announced in the class schedule.

This course may be repeated with different content. Special fees may apply.

- **Art 308** 1-3 (crs.)

Special Topics in Art History

An art course in Art History on a topic not typically covered in the department's curriculum. Each time it is offered, the topic will be announced in the class schedule.

This course may be repeated with different content. Special fees may apply.

- **Art 309** 1-3 (crs.)

Special Topics in Design

An art course in Design on a topic not typically covered in the department's curriculum.

Each time it is offered, the topic will be announced in the class schedule. This course may be repeated with different content. Special fees may apply.

- **Art 310** 3 units (crs.)

Art History, Ancient Art

Topics in ancient painting, sculpture, architecture, and allied arts. 310/510

- **Art 311** 3 units (crs.)

Art History, Medieval Art

Topics in medieval painting, sculpture, architecture, and allied arts. 311/511

- **Art 312** 3 units (crs.)

Gothic Art and Architecture

This course covers the great age of cathedral building in France and the subsequent dissemination of French art and architectural styles to England, the Holy Roman Empire, and Italy, during a period roughly spanning the 12th to the mid-15th centuries. In addition to an examination of architecture, topics include the painting, stained glass, sculpture, and liturgical objects associated with the cathedrals. Illustrated manuscripts, tapestries and other luxury items will be studied in the context of court styles and chivalry.

- **Art 313** 3 units (crs.)

Art History: Italian Renaissance Art

Selected topics in Italian Renaissance painting, sculpture, architecture, and allied arts. 313/513

- **Art 314** 3 units (crs.)

Northern Renaissance Art

This course will explore art and culture in Northern Europe (primarily the Netherlands and Germany) between 1300 and 1700. While concentrating on the visual arts (primarily painting, sculpture and the graphic arts), the course will also include a broader investigation of the arts of the Renaissance in the relation to contemporary, literature, politics, religion, society and patronage. The course will closely examine the works of the great artists of the Renaissance period in the North-Jan van Eyck, Hieronymus Bosch, Albrecht Durer, Hans Holbein the Younger and Pieter Bruegel the elder and their contemporaries-in the context of their lives and environment. Prerequisites: Art 109, Art 110; or permission of instructor.

- **Art 315** 3 units (crs.)

Art History, European Baroque & Rococo Art, Seventeenth & Eighteenth Centuries

Selected topics in 17th and 18th century painting, sculpture, architecture and allied arts. 315/515

- **Art 317** 3 units (crs.)

Art History, Art of India, China, and Japan (NW)

Historical development of the indigenous and religious arts of India, China and Japan. 317/517

- **Art 320** 3 units (crs.)

Art History, European Art, Nineteenth Century

Selected topics in 19th Century painting, sculpture, architecture, and allied arts. 320/520

- **Art 321** 3 units (crs.)

Art History Modern

Selected topics in modern painting, sculpture, architecture, and allied arts. 321/521

- **Art 322** 3 units (crs.)

Art History, Contemporary

Selected topics in contemporary painting, sculpture, architecture, and allied arts. 322/522

- **Art 323** 3 units (crs.)

Art History, American Art

Selected topics in American painting, sculpture, architecture, and allied arts.

- **Art 324** 3 units (crs.)

Art History, Popular Culture

Study of the mass media as art forms. In particular, the movies and television are considered.

- **Art 329** 1 unit (cr.)

High School Exhibition

Course is to provide instruction regarding the curatorial practices of advertising, receiving, jurying and designing an exhibition of works of art from area high schools. Related duties would involve the organization of students visiting the exhibition, the department studios and concluding awards presentations.

- **Art 330** 3 units (crs.)

Exhibition Design

Theory and practice in the design and execution of art exhibitions. Prerequisite: Open to art majors or others with consent of instructor.

- **Art 331** 3 units (crs.)

Fabric Design II

Concentration in several techniques of textile design and their application. Prerequisite: Art 231. Special fees may apply.

- **Art 334** 3 units (crs.)

Figure Drawing II

Development of student's personal expression in drawing, using the human figure as a subject.

Prerequisite: 109, 110, 111, 112, 114, 234.

- **Art 336** 3 units (crs.)

Commercial Illustration

This course gives the student the opportunity to experience a variety of mediums used in the commercial art studios and agencies in today's business world. Practical problems will be presented that will prove challenging and will broaden the appreciation of commercial illustration. Time limitations will be strictly enforced on each assignment in order to sharpen the student's ability to draw and paint in a very quick but accurate manner. Prerequisite: Art 239.

Special fees may apply.

- **Art 338** 3 units (crs.)

Design II

Students continue to develop an understanding of the conceptual, technical and theoretical issues related to design through the completion of assignments, discussions and critiques. Prerequisite: Art 238. Special fees may apply.

- **Art 340** 3 units (crs.)

Interior Design

Understanding the principles of designing interior space. Prerequisite: 109, 110, 111, 112, 114.

- **Art 341** 3 units (crs.)

Watercolor II

Further problems of composition and color in water base painting to develop skill and personal expression. Prerequisite: Art 241.

- **Art 342** 3 units (crs.)

Studio Problems in Typography

This course will explore typographic issues within design in detail. Assignments, discussions and lectures will promote the comprehensive study and application of typographic history, practice and theory. Prerequisite: Art 238. Special fees may apply.

- **Art 345** 3 units (crs.)

Photography II

Continuation of Photography I with emphasis on photographic aesthetics. Prerequisite: Art 245. Special fees may apply.

- **Art 347** 3 units (crs.)

Weaving II

Further exploration and development of fiber structures. Prerequisite: Art 247. Special fees may apply.

- **Art 348** 1-3 units (crs.)

Puppetry

Puppetry: its history, theory, modern theatrical and non-theatrical applications. Practical experiences in construction and performance. Special fees may apply. 348/548 (2+2).

- **Art 350** 3 units (crs.)

Conservation of Art on Paper

Theory and practice of conserving and repairing art work on paper. Prerequisite: Open to art majors or others with consent of instructor.

- **Art 352** 3 units (crs.)

Functional Design II

Advanced use of power tools and materials and innovative methods of design. Prerequisite: Art 252. Special fees may apply.

- **Art 354** 3 units (crs.)

Art Education Elementary Methods

Planning art experiences to meet the needs of elementary students while serving as an art teacher. Curriculum design and sequential development of K-9 art programs. The creation of art products and plans appropriate to grades K-9. Prerequisites: Secondary Education 201, Educational Foundations 235 and 380, Art 253 and Admission I. Concurrent enrollment in 1 credit of Secondary Education 366 required. Open only to College of Education and Human Services art education students. Special fees may apply.

- **Art 355** 2 units (crs.)

Teaching of Art

Planning art experiences to meet the needs of elementary and middle school art programs. The creation of art products and plans appropriate to grades K-9. Preparation, care, and use of art materials. Prerequisite: Art 203 and Admission I. (Not applicable to art majors.) Special fees may apply.

- **Art 356** 3 units (crs.)

Art Education Secondary Methods

Philosophy and trends in art education. Planning art units to meet the needs of secondary students. Observation and experiences in basic types of teaching methods. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380, Art 253 and Admission I. Concurrent enrollment in 1 credit of Secondary Education 366 required. Open only to College of Education and Human Services art education students. Special fees may apply.

- **Art 359** 3 units (crs.)

Lithography II

Emphasis will be on exploration of advanced technical skills in lithography and development of creative use of the medium as a form of artistic exploration. Basic skills in the printing of color will be developed. Prerequisite: Art 259. Special fees may apply.

- **Art 360** 3 units (crs.)

Intaglio II

Continued exploration in use of advanced intaglio techniques. Emphasis is on the creative use of intaglio in the development of personal expression through the intaglio prints. Prerequisite: Art 260. Special fees may apply.

- **Art 361** 3 units (crs.)

Woodcut II

Continued exploration of relief printing techniques. Emphasis is personal on the creative use of the medium in the development of personal expression. Prerequisite: Art 261. Special fees may apply.

- **Art 362** 3 units (crs.)

Serigraphy II

Continued exploration of the screen painting techniques with emphasis on the development of a creative personal expression. Monoprint and monotype methods will be introduced. Prerequisite: Art 262. Special fees may apply.

- **Art 363** 3 units (crs.)

Art Metal II

The student works in metals and materials of choice. The assigned problems should carry through varied influences stemming from the basic experience in Art Metal I. Prerequisite: Art 263. Special fees may apply.

- **Art 367** 3 units (crs.)

Sculpture II

Further work stressing the problem of sculptural form and craftsmanship. Prerequisite: Art 267. Special fees may apply

- **Art 371** 3 units (crs.)

Ceramics II

Continuation of Art 271. Mixing of glazes and using the potter's wheel. Prerequisite: Art 271. Special fees may apply

- **Art 375** 3 units (crs.)

Painting II

Advanced problems in color and composition to develop individual expression in oil or acrylic painting. Prerequisite: Art 275. Special fees may apply.

- **Art 404** 3 units (crs.)

Advanced Problems in Drawing

Emphasis either on drawing as an independent medium for expression or as a mode of exploring formal problems common to another visual medium. This course may be repeated for credit as needed. Prerequisite: Art 304. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). 404/604.

- **Art 431** 3 units (crs.)

Fabric Design III

Individual problems: Student selects an area of interest and submits study proposal to instructor. This course may be repeated for credit as needed. Prerequisite: Art 331. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 434** 3 units (crs.)

Figure Drawing III

Continuation of students' personal expression, using the human figure as the subject. Composition, form and thematic content are emphasized. This course may be repeated for credit as needed. Prerequisite: Art 334. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). 434/634.

- **Art 436** 3 units (crs.)

Advanced Illustration

This course will help students develop their conceptual skills in understanding the objectives of visual communications projects that require the creation of an image. Students will be encouraged to explore and utilize a broad range of technical resources and media suitable for image-making. Content of course will be on the major areas of illustration such as advertising, editorial illustration, book illustration, and product aesthetics. This course may be repeated for credit as needed. Prerequisite: Art 336 and 338. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 437** 3 units (crs.)

Corporate Identity

This course deals with overall planning, strategy and preparation of a variety of visual components required to create the corporate identity project along with advertising design, corporate editorial design. This course may be repeated for credit as needed. Prerequisite: Art 338. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 438** 3 units (crs.)

Design III

This course will be devoted to enhance and strengthen a student's body of work. More complex projects will be given and students will be encouraged to create a more personal and unique body of work. This course may be repeated for credit as needed. Prerequisite: Art 338. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 439** 3 units (crs.)

Studio Problems in Modern Package Design

Students will learn more about 3-dimensional aspect of graphic design through brand identity projects and simple package design projects. This course may be repeated for credit as needed. Prerequisite: Art 238, 239, and 338. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 441** 3 units (crs.)

Watercolor III

Emphasis on the development of the student's personal style and expression in the medium of watercolor. This course may be repeated for credit as needed. Prerequisite: Art 341. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). 441/641.

- **Art 442** 3 units (crs.)

Portfolio Review

This advanced-level design course should be taken concurrently with Art 490, Senior Exhibition, during a student's final semester. Students will rework existing classroom projects and develop their portfolios to a level that reflects satisfactory competence for an entry level position in the design field. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 443** 3 units (crs.)

Computer Art - Animation

Study of current computer techniques for the creation of motion pictures -- to be displayed on the computer screen or on film/video. The course comprises hands-on exercises and lectures on background concepts. This course may be repeated for credit as needed. Prerequisite: Art 442. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review).

- **Art 444** 3 units (crs.)

Computer Art - Interactive

Study of current techniques (involving computers, CD-ROMs, videodiscs, and other media) for the creation of visual works of art that can be modified and/or guided by the viewer. The course comprises hands-on exercises and lectures on underlying concepts. This course may be repeated

for credit as needed. Prerequisite: Art 442. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review).

- **Art 445** 3 units (crs.)

Photography III

An extended photographic project with critiques and investigation of photographic literature. This course may be repeated for credit as needed. Prerequisite: Art 345. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 445/645.

- **Art 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review).

- **Art 447** 3 units (crs.)

Weaving III

Individual exploration of textiles in greater depth and to increase and develop skills to a professional level in relation to student's interest and abilities. This course may be repeated for credit as needed. Prerequisite: Art 347. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 447/647

- **Art 452** 3 units (crs.)

Functional Design III

Independent work in depth. This course may be repeated for credit as needed. Prerequisite: Art 352. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review).

- **Art 459** 3 units (crs.)

Lithography III

Advanced work in Lithography will center around the aesthetic development of a personal imagery and continued exploration of the technical possibilities of the medium. This course may be repeated for credit as needed. Prerequisite: Art 359. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 459/659.

- **Art 460** 3 units (crs.)

Intaglio III

Advanced work in intaglio will concentrate on the aesthetic use of this printmaking medium and continued exploration in the various intaglio techniques. This course may be repeated for credit as needed. Prerequisite: Art 360. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 460/660.

- **Art 461** 3 units (crs.)

Woodcut III

Advanced work in expanding the creative use of relief printing techniques. Development of a personal aesthetic within the medium. This course may be repeated for credit as needed.

Prerequisite: Art 361. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 461/661.

- **Art 462** 3 units (crs.)

Serigraphy III

Advanced work in serigraphy will concentrate on creative personal expression through the use of the screen print. This course may be repeated for credit as needed. Prerequisite: Art 362. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 462/662.

- **Art 463** 3 units (crs.)

Art Metal III

Experience in raising and forming of metal through the metal smithing techniques. This course may be repeated for credit as needed. Prerequisite: Art 363. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 463/663.

- **Art 467** 3 units (crs.)

Sculpture III

Continued concern with design and craftsmanship. More individual direction will be sought. This course may be repeated for credit as needed. Prerequisite: Art 367. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 467/667.

- **Art 471** 3 units (crs.)

Ceramics III

Fostering an individual approach to form and developing a personal philosophy of the total ceramic process, especially in the area of glaze chemistry. This course may be repeated for credit as needed. Prerequisite: Art 371. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). 471/671. Special fees may apply. 471/671.

- **Art 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be "Honors Thesis." Completed projects will be announced and presented to interested students and faculty. Maximum of 6 units (crs.). Prerequisite: University Honors status and junior standing. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review).

- **Art 475** 3 units (crs.)

Painting III

Establishing a personal style with increased emphasis on thematic content and portfolio development. Oil or acrylic media. This course may be repeated for credit as needed.

Prerequisite: Art 375. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply. 475/675.

- **Art 481** 1-3 units (crs.)

Art Seminar

Problems in art devised to meet the needs of the individual student in art education, design or studio fine art, that are outside the scope of our regular course. Open to art majors only.

Prerequisite: Minimum 90 credits earned. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Special fees may apply.

- **Art 482** 1-3 units (crs.)

Art History Seminar

A seminar with variable units (crs.) for the purpose of developing new topics within the scope of art history. Topics to be determined by instructor. Repeatable as needed. Prerequisites: Art 109, 110 and two 300 level art history courses or permission of instructor.

- **Art 484** 3 units (crs.)

Capstone Seminar

Designed as a culminating or "capstone" learning experience, this course will have an art historical focus topic selected by the instructor. The seminar will integrate concepts and ideas from previous art history courses and will also explore various historical approaches to and methodologies of the study of art history. With the guidance of the instructor, the student will select a topic (related to the general topic of the seminar) for a research project, conduct the appropriate research and present the conclusions in oral and written format. Prerequisites: Art 109, 110, and minimum of 60 earned credits.

- **Art 490** 1 unit (cr.)

Senior Exhibition

Theory and practice in the preparation, selection and design of student's senior exhibition.

Prerequisite: Open only to senior art majors. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Pass/Fail course.

- **Art 491** 3 units (crs.)

Studio Internship

Practical design studio work experience. Students will secure an appropriate position in the field of design. Some internships may be outside the university. Prerequisite: Senior standing and consent of program coordinator. Must have passed the Post-Foundation Portfolio Review (For those students required to take the Post Foundation Portfolio Review). Pass/Fail course.

Biology and Microbiology

Information

S. Cooper, T. Kostman, Co-Chairpersons
Department Office: Halsey Science Center 142
Department Telephone: 920-424-1102
Code 26 or BIOLOGY

Faculty

- Adler, Bentivenga, Cooper, Dilkes, Dorn, Holton, Kallas, Kleinheinz, Kostman, Lammers, Matson, McDermott, Michalski, Mueller-Spitz, Pillsbury, Rainboth, Shors, Stelzer, Vaughan, Wise

Degrees

- **Undergraduate:** A major in Biology or Microbiology can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** Students who complete a major in our department may want to continue in our graduate program, leading to the degree Master of Science.
- For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **Goal(s)**
 - See the department for a listing of their goal(s).
2. **The Major(s)**
 - The Department offers three majors. These are: 1) Biology, 2) Environmental Health, 3) Microbiology.
 - Students must choose an emphasis within the Biology major. These are:
 - a) Liberal Arts,
 - b) Secondary Education,
 - c) Cell/Molecular Professional,
 - d) Ecology and Organismal Biology,
 - e) Healthcare-Science,
 - f) Healthcare-Business.
 - Students wishing broad training in Biology should select the Liberal Arts emphasis.

3. **The Minor(s)**

- The Department offers two minors: 1) Biology, 2) Microbiology.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Biology, Environmental Health and Microbiology major and the Biology or Microbiology minor. Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- For Biology Major only:
 - **Biology**
 - Biology 105 Biological Concepts-Unity 4 cr. OR Biology 108 Honors: Concepts in Biology-Unity 5 cr.
 - Biology 111 Biological Orientation 2 cr. OR Biology 112 Healthcare Orientation 2 cr.
 - Biology 323 Introduction Molecular and Cell Biology 3 cr.
 - Biology 343 Genetics 4 cr.
 - Biology 491 Senior Survey 0 cr.
 - **Chemistry**
 - Chemistry 105 General Chemistry I
 - Chemistry 106 General Chemistry II
 - **Mathematics** As specified for College of Letters and Science (COLS) requirements for degree: (Unless specified otherwise, under emphasis.)
 - B.S. - either Math 171, Calculus I, or higher, statistics, computer science or symbolic logic
 - B.A. - no additional math requirement
 - B.S.E. - College Algebra, Math 104

The Major(s), with Emphasis and/or Options

1. **BIOLOGY MAJOR**

- **Liberal Arts Emphasis**
 - Recommended for students seeking a broad, general-purpose background in biology.
 - **Required units (crs.):** 48-49 minimum

- **Other Requirements:** In addition to the Core Courses:
 - Biology 230
 - Biology 231
 - Biology 349
 - One of the following Courses: Biology 319, 345, 450.
- **Electives:** Additional units (crs.) (9 or more units (crs.)) from: 300-/400 level Biology courses.
- **Secondary Education Emphasis**
 - Recommended for students who plan to enter the Secondary Education Program in preparation for teaching high school Biology.
 - **Required Units (crs.):** 47-48 minimum
 - **Other Requirements:** In addition to the Core Courses:
 - Biology 230
 - Biology 231
 - Biology 349
 - One of the following courses: Biology 319, 345, 450
 - **Electives:** Additional units (crs.) (9 or more units (crs.)) from: 300-/400 level Biology courses.
- **Cell/Molecular Professional Emphasis**
 - Recommended for students who wish to prepare for careers in cell or molecular biology, genetics, physiology, biochemistry, biotechnology or many other biological and biomedical sciences. This emphasis is good preparation for graduate school in these fields. A Bachelor's Degree is often sufficient for professional placement. See index for additional requirements that may be needed for certain pre-professional programs.
 - **Required Units (crs.):** 64-68
 - **Other Requirements:** In addition to the Core Courses:
 - Biology: 230 and 231 or 106
 - Biology 319 or 345 or 450
 - Biology 349 or 351
 - Biology 372
 - Biology 374
 - Biology 350, or 375 and 377, or 389 and 390
 - Chemistry 235, 303, 335
 - **Electives:** At least two courses from these courses (if not used to fill preceding requirement):
 - Biology 306, 309, 315, 316, 321, 337, 350, 354, 375, 377, 389, 390
 - Chemistry 315
- **Ecology and Organismal Biology Emphasis**
 - **Required Units (crs.):** 65-70 minimum
 - **Other Requirements:** In addition to the Core Courses:
 - Biology 230
 - Biology 231
 - Biology 349
 - Biology 319 or 345 or 450
 - Biology 325

- Two courses from the following: Biology 326, 376, 386
 - Math 171 or Math 201 or Psychology 203 or Geography 385
- **Electives:** 14 units (crs.) from these courses (if not used to fill preceding requirement):
 - Biology 300, 304, 308, 316, 321, 326, 327, 328, 330, 332, 335, 336, 338, 354, 355, 358, 367, 376, 386.
- **Healthcare-Science Emphasis**
 - Recommended for students seeking a rigorous undergraduate program in the biological and social sciences related to Healthcare, particularly if graduate education is desired. The Honors version of any course may be substituted. See a Healthcare advisor for General Education recommendations in support of this Emphasis.
 - **Required Units (crs.):** 68 (includes at least 9 credits that contribute towards General Education)
 - **Other Requirements:** In addition to the Core Courses:
 - Biology 211 or 308
 - Biology 233 or 309
 - Biology 319
 - Chemistry 235, 303, 335
 - **Electives:** 10 units (crs.) from these courses (if not used to fill preceding requirement):
 - Biology 300, 301, 303, 306, 308, 309, 310, 312, 313, 315, 316, 321, 338, 341, 344, 354, 372, 374, 389, 390, 446 (must be Healthcare related).
 - Once course from the following list may be counted towards the 10 credits of electives, provided that its prerequisites are met:
 - Chemistry 304, 315
 - Kinesiology 348, 350, 375
 - Psychology 367, 383, 384, 456
 - **Required Courses that contribute to General Education:** (12-13 crs.)
 - Mathematics: Math 171 or any statistics course that meets Bachelor of Science General Education math requirement
 - Social Sciences: Psychology 101 plus one course from the following: Psychology 220, 271, 280, 291, 303, 310, 331, 338, 355, 390
- **Healthcare-Business Emphasis**
 - Recommended for students seeking a broad background in the biological sciences related to Healthcare, combined with business essentials. The Honors version of any course may be substituted. See a Healthcare advisor for General Education recommendations in support of this Emphasis.
 - **Required Units (crs.):** 72 (includes at least 12 crs. that contribute to General Education)
 - **Other Requirements:** In addition to the Core Courses:
 - Biology 211 or 308
 - Biology 212 or 319
 - Biology 233 or 309

- Biology 349
- Business 198, 204, 311, 351, 361; plus any two of the following courses: Business 320, 331, 341, 371; Economics 204. Note: A maximum of 6 Business credits per semester are allowed.
- Chemistry 101 and 102 (with a grade of B or better in both courses), or Chemistry 105 and 106, (Note: Chemistry 101 and 102 are a terminal sequence and never substitutes for Chemistry 105 and 106 should additional Chemistry be desired)
- **Electives:** 10 units (crs.) from these courses (if not used to fill preceding requirement):
 - Biology 300 (must be Healthcare-related), 301 (must be Healthcare-related), 303, 306, 308, 310, 312, 313, 315, 316, 321, 338, 341, 344, 354, 372, 374, 389, 390, 446 (must be Healthcare-related).
 - One course from the following list may be counted toward the 10 credits of electives, provided its prerequisites are met:
 - Kinesiology 348, 350, 375
 - Psychology 367, 383, 384, 455
- **Required Courses that contribute to General Education:**
 - Mathematics: Math 204 and 206, or Math 171 or Psychology 203
 - Social Sciences: Psychology 101 plus one of the following: Psychology 205, 220, 271, 363

2. ENVIRONMENTAL HEALTH MAJOR

- **Required Units (crs.):** 64-66 minimum
- **Required Courses:**
 - **Biology:** Biology 300 or 301, 303, 309, 312, 323, 338, 445, 491.
 - **Chemistry:** Chemistry 105, 106, 235, 335.
 - **Environmental Health:** Environmental Health 315.
 - **Nursing:** Nursing 361.
 - **Physics:** Physics 107 or 109.
 - **Two of the following:**
 - Geography 314, 385
 - Geology 365
 - **One course from:**
 - Geography 364
 - Geology 365
- **Electives:** 9 units (crs.) minimum from the following list:
 - **Biology:** Biology 211 or 212, 313, 315, 327, 332, 339, 354, 386, 446, 456, 474.
 - **Chemistry:** Chemistry 221.
 - **Geography:** Geography *385, *364.
 - **Geology:** Geology *365.
 - **Urban Studies:** Urban Studies 317, 320.

*If not taken as an additional required course

- **Other Required Courses**:**
 - **Biology:** Biology 105

- **English:** English 318
- **Environmental Studies:** Environmental Studies 162, 261
- **Math:** Math 104, 106 or 108
- **Nursing:** Nursing 340
- **Public Administration:** Public Administration 221, 307.
- **Statistics:** Any Statistics course that satisfies the College of Letters and Science General Education for Mathematics.

**The above courses do not count in the total credits for the major.

- **Recommended Courses:**

- **Math:** Math 171 (in addition to the required Statistics course)
- **Economics:** Economics 204, 206, 360.

3. MICROBIOLOGY MAJOR

Recommended for students who wish to prepare for careers in microbiology, biotechnology and allied health areas, for graduate study in Microbiology, Biochemistry and many other biological and biomedical sciences. A Bachelor's degree is often sufficient for professional placement.

- **Required Units (crs.):** 71 minimum
- **Required Courses:**
 - **Biology:** (22 units (crs.) minimum) Biology 105 or 108; Biology 111 or 112; Biology 106, 323, 327, 491
- **Other Required Courses:** (26 units (crs.) minimum)
 - **Chemistry:** 21 units (crs.) from the following: Chemistry 105 or equivalent; Chemistry 106, Chemistry 235, 335, 305
 - **Mathematics:** one term of calculus or higher
 - **Physics:** Physics/Astronomy 107 or 109
- **Additional Required Courses:** (18 - 19 units (crs.))
 - **Biology:** Biology 309, 341, 375, 450, one of the following: Biology 313, 374, 377, 390
- **Electives:** (7 or 8 units (crs.)) from the following: Biology 303, 312, 313, 315, 321, 338, 339, 343, 349, 354, 389, or the following if not used to fulfill requirement above: Biology 374, 377, 390.
- **Possible minor:** A minor in chemistry would require ONLY Chemistry 221 in addition to the chemistry courses specified.

The Minor(s)

1. BIOLOGY MINOR

Recommended for students who are interested in Biology. This Minor can be pursued by students in any college of the University.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Biology:** Biology 105, 230, 231, 323, 349
- **Electives:** (6 or more credits) 300 level classes from the offerings of the Department of Biology and Microbiology:

- **Note:** Electives used to fulfill a Biology Minor may not be counted toward a Microbiology major or minor. Education majors are required to take an environmental/ecology course to meet DPI requirements. Biology 349 meets this requirement for Biology Education Majors.
- 2. **MICROBIOLOGY MINOR**
Recommended for students who are majoring in Biology, Chemistry, Medical Technology or other allied health fields.
 - **Required Units (crs.):** 23 minimum
 - **Required Courses:**
 - **Biology:** Biology 105 or 108, 309, 323
 - **Electives:** (11 credits to include at least one lab-only course) from the following:
 - **Biology:** 312, 315, 321, 327, 339, 341, 343, 350, 354, 375, 389, 450.
 - **Biology Labs Only:** 313, 374, 377, 390.

Course Offerings

- **Biology 104** 1-4 units (crs.)

Ecosphere in Crisis (NS)

Treats humans as biological organisms that interact with the living and nonliving world. Emphasis is given to how humans affect, and are affected by, their environment. Topics covered include basic ecology, global change, renewable and nonrenewable energy sources, air and water quality, and biological diversity. Special course fees will be charged to cover the cost of transportation during local field trips. Special fees may apply. (3+3) (Fall/Spring).

- **Biology 105** 1-4 units (crs.)

Biological Concepts - Unity (NS)

An introduction to the biological sciences. Addresses phenomena common to a diversity of life forms. Biological organization, cell biology, processing energy, genetics, evolution. (3+2) (Fall/Spring)

- **Biology 106** 4 units (crs.)

Biological Concepts - Diversity (NS)

A non-majors course examining the diversity of life on Earth, including bacteria, protists, fungi, plants, and animals. A central theme in the class is evolution as a process driving diversity. Emphasis is placed on how these organisms impact humans, and the role of humans in the ecosystem. A section on human biology is included. Laboratory exercises involve observation of specimens to illustrate in this diversity. Not for credit for the Biology or Microbiology major. Biology 106 is primarily for non-majors. Prerequisite: Biology 105. (3+2) (Fall/Spring)

- **Biology 108** 5 units (crs.)

Honors: Concepts in Biology - Unity (NS)

An introduction to molecular, cellular and ecological aspects of biology, and how they relate to current societal issues. Emphasis on scientific method, fundamental cellular processes, and formation and maintenance of biological populations. This course is designed for students who have had experience in biology and chemistry in high school. Majors and non-majors welcome. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or

concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title. (3+1+3) (Fall)

- **Biology 111** 2 units (crs.)

Biology Orientation

An introduction to the cultural aspects of biological sciences for students declaring or considering a major in Biology or Microbiology. Discussion topics will include: current "hot" fields and employment opportunities; roles and responsibilities of scientists in society; professional ethics; scientific communication; planning (career choices, course selection, research experience); and an introduction to department faculty, staff and facilities. Students are encouraged to take this course as early as possible in their academic program. Students with 90 or more credits must obtain department consent to enroll. (Fall/Spring)

- **Biology 112** 2 units (crs.)

Healthcare Orientation

An introduction to the cultural aspects of healthcare sciences for students declaring or considering a degree in any Healthcare-related program on campus. Topics will include: current "hot" fields and employment opportunities; roles and responsibilities of healthcare workers in society; professional ethics; scientific communications; planning (career choices, course selection, research experience, internships); and an introduction to campus faculty, staff and facilities. Students are encouraged to take this course as early as possible in their academic programs. Students with 90 or more credits must obtain department consent to enroll. (Fall/Spring)

- **Biology 113** 2 units (crs.)

Environmental Health Orientation

An introduction to the Environmental Health profession and science, for students declaring or considering a degree in Environmental Health. Topics will include: current "hot" fields and employment opportunities; roles and responsibilities of environmental health professionals (Registered Sanitarians) in society; professional ethics; critical thinking; scientific communications; planning (career choices, course selection, research experience, internships); and an introduction to campus faculty, staff and facilities. Students are encouraged to take this course as early as possible in their academic programs. Students with 90 or more credits must obtain department consent to enroll. (Spring)

- **Biology 211** 3 units (crs.)

Human Anatomy (NS)

A study of the fundamental structure and organization of the organs and systems of the human body. Prerequisite: "C" or better in Biology 105 or equivalent. (Primarily for physical education and nursing students). (2+2) (Fall/Spring)

- **Biology 212** 4 units (crs.)

Human Physiology (NS)

Structure/function relationships of the healthy human body, on the molecular, cellular, tissue, and organ-system levels. Primarily for students in secondary education, nursing, and physical education programs. Prerequisite: Biology 211 with a grade of C or better. (3+2) (Fall/Spring)

- **Biology 230** 4 units (crs.)

Biology of Animals (NS)

An introductory, phylogenetic study of the Animal Kingdom considering anatomy, evolution and life histories of major groups. Prerequisite: Biology 105 or equivalent. Previous or concurrent enrollment in Biology 111 or 112 or consent of department. (3+3) (Fall/Spring)

- **Biology 231** 4 units (crs.)

Biology of Plants and Microbes (NS)

The biology of plants, fungi, and microorganisms traditionally studied by botanists, with an emphasis on plants. Topics to be covered include taxonomy, evolution, ecology, physiology, and life history traits. The impact of these organisms on human affairs will be stressed. Prerequisite: Biology 105 or equivalent. Previous or concurrent enrollment in Biology 111 or 112 or consent of department. (2+4) (Fall/Spring)

- **Biology 233** 1-4 units (crs.)

Microbial Survey (NS)

A survey of microorganisms, including bacteria, viruses, and some algae, fungi, and invertebrates. Emphasis will be placed upon the health care applications of microbiology and transmission of infectious disease agents. Laboratory will focus on standard microbiologic techniques used in the allied health fields. This course is designed for those students interested in allied health fields, including biology, nursing and medical technology majors. Prerequisite: Grade of "C" or better in Biology 105. (3+2) (Fall/Spring)

- **Biology 250** 2 units (crs.)

Medical Mycology (NS)

The laboratory identification of fungal human pathogens. (Primarily for medical technologists.) (1+2) (Spring)

- **Biology 260** 3 units (crs.)

Environment and Living Systems

A study of environmental issues from a biological perspective, focusing on the scientific bases for: 1) physical, chemical, and biological influences on living organisms; 2) contacts between natural and perturbed ecosystems; and 3) historical, current, and predicted effects of human activities on local, regional and global scales. Credit cannot be received for both Biology 260 and Environmental Studies 260. Prerequisite: Biology 104 or Biology 105 or permission of instructor. (Spring)

- **Biology 300** 1-6 units (crs.)

Internship in Biology

An internship experience with a cooperating organization or corporation to gain on-the-job learning. Internships may be arranged at any time, but most that provide salary are available only in summer. Prerequisite: Student must arrange for a specific internship with the Internship Director before registering for the course. May be taken more than once for credit for up to a total of six credits. A maximum of six credits from Biology 300 and/or 301 can be counted towards a degree in Biology or Microbiology.

- **Biology 301** 1-6 units (crs.)

Internship in Microbiology

An internship experience with a cooperating organization or corporation to gain on-the-job learning. Internship may be arranged at any time, but most that provide salary are available only in summer. Prerequisite: Student must arrange for a specific internship with the Internship director before registering for the course. May be taken more than once for credit for up to a total of six credits. No more than six credits from Biology 300 and/or 301 can be counted towards a degree in Biology or Microbiology.

- **Biology 302** 1-3 units (crs.)

Internship in Environmental Health

An internship experience with a cooperative organization or corporation to gain on-the-job learning. Internships may be arranged at any time, but most that provide salary are available only in summer. The student will work with cooperating agencies such as regional or state health departments, federal agencies, or private enterprises.

Prerequisites: Students must arrange for a specific internship with the Internship Director or EH Coordinator before registering for the course.

- **Biology 303** 2 units (crs.)

Introduction to Epidemiology

This course will investigate the study of epidemiology as it relates to the practice of public health. This course covers application of epidemiologic procedures to the understanding of the occurrence and control of conditions such as infections and chronic diseases, mental disorders, community and environmental health hazards, accidents and geriatric problems. Prerequisites: Biology 105 or consent of instructor. (2+0) (Fall)

- **Biology 304** 3 units (crs.)

Plant Taxonomy (NS)

Introduction to the theory and principles underlying systematic botany, and to the methodologies of plant classification and nomenclature. Survey of major families of flowering plants emphasizing structure and diversity. Prerequisite: One term of general biology. (2+2) (Fall)

- **Biology 306** 3 units (crs.)

Neurobiology

Study of the nervous system and its regulatory role in the body. Underlying physics and chemistry; molecular and cellular principles; development and plasticity; motor control; rhythms and emotions; evolution and diversity. Prerequisites: Biology 105 or equivalent. (Spring)

- **Biology 308** 5 units (crs.)

Comparative Anatomy (NS)

A comparative study of representative vertebrates. Prerequisite: One term of general biology. 308/508 (3+4) (Spring)

- **Biology 309** 5 units (crs.)

Bacteriology (NS)

The course covers basic concepts of microbiology, through chemical and physiological properties, genetics, evolution, and diseases caused by microbes and the microbial activities beneficial to human. Laboratory covers standard microbiological experiments and isolation and identification of bacteria. Prerequisite: Biology 105 and one year of general chemistry. (3+4) (Fall/Spring)

- **Biology 310** 3 units (crs.)

Biology of Gender

Evolution, genetics, development, anatomy, and physiology of gender in humans and other animals. Gender diversity including intersex and transgender. Roles of gender in reproductive and social behavior. Using biology in evidence-based critical thinking about related sociopolitical issues such as endocrine disruptors, defining deviancy, gender-based medicine, and sexual reassignment of infants and adults. Cross-listed: Biology 310/Women's Studies 310. Students may receive credit for only one of the cross-listed courses. Prerequisites: Biology 105 and either Biology 211 (preferred) or biology 230 or Biology 308, or instructor's permission. (Spring)

- **Biology 311** 3 units (crs.)

Animal Behavior

An introduction to the behavior mechanisms of invertebrate and vertebrate animals emphasizing a naturalistic point of view. Prerequisite: Biology 340 or 343. (2+2) (Spring)

- **Biology 312** 2 units (crs.)

Medical Bacteriology (Lecture)

Bacterial pathogens and their relationships to diseases; prevention and control of infectious diseases. Prerequisite: Biology 309 and Biology 341. (2+0) (Spring)

- **Biology 313** 2 units (crs.)

Medical Bacteriology (Laboratory) (NS)

Isolation study, identification and laboratory handling of pathogenic bacteria. Prerequisite: Biology 309 and 341, concurrent enrollment in Biology 312. 313/513 (0+2) (Spring)

- **Biology 315** 3 units (crs.)

Virology

Principles of animal and human molecular virology. Topics include replication, expression, pathogenesis, methods of diagnosis and detection, current uses of viruses in gene therapy and vaccine applications, viruses and cancer and other diseases, persistent infections, and emerging viruses. Prerequisite: Biology 323 or consent of instructor. (3+0) (Spring)

- **Biology 316** 3 units (crs.)

Developmental Biology

Developmental Biology will first examine, at a morphological level, different strategies of embryonic development in diverse organisms, and then study molecular cues that cells use to migrate, differentiate and eventually form a normal organism. Prerequisite: Biology 323 or equivalent. Recommended: Biology 343. (3+0) (Spring)

- **Biology 318** 3 units (crs.)

Wildlife Behavior and Conservation

This course is designed to teach the fundamental theory of behavioral ecology and then apply that theory to wildlife conservation. We will examine how environments shape organisms' lives and what that means for our efforts to manage and conserve species. The specific course objectives are to 1) gain a rigorous biological foundation in behavioral ecology, evolutionary biology, and related topics in order to understand how environments shape behavior; 2) provide a forum for discussion of current issues in conservation biology; 3) develop a framework for applying behavior ecological theory to wildlife conservation. Cross-listed: Biology 318/Environmental Studies 318. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Biology 105 or Biology 260/Environmental Studies 260 or consent of instructor. (3+0)

- **Biology 319** 5 units (crs.)

General Animal Physiology (NS)

Structure/function relationships common to a variety of animal body plans on the molecular, cellular, tissue, and organ-system levels. Prerequisite: One year of chemistry; Biology 323. Biology 230 strongly recommended. (3+1+3) (Fall/Spring)

- **Biology 321** 3 units (crs.)

Mycology (NS)

A study of the fungi: characteristics, physiology, habits and laboratory identification of molds, yeasts, mushrooms and related organisms. Prerequisite: One term of general biology. 321/521 (2+2) (Fall)

- **Biology 322** 1 unit (cr.)

Mushroom Identification

The collection and identification of mushrooms and other fleshy fungi. Prerequisite: Concurrent or prior enrollment in Biology 321/521. (Fall)

- **Biology 323** 3 units (crs.)

Introduction to Molecular and Cell Biology

This course is an introduction to the basic elements of molecular and cellular biology. Molecular biology covers structure, function and biosynthesis of DNA, RNA and proteins as well as regulation of gene expression. Cell biology examines cellular structures and how they are used to accomplish replication, metabolism and response to the environment. Prerequisites: Biology 105 (or equivalent); Chemistry 105 (or equivalent); and previous or concurrent enrollment in Chemistry 106; or Chemistry 101 and 102 (or equivalent) with a grade of B or above in both; and Biology 111 or 112 or consent of department. (3+0) (Fall/Spring)

- **Biology 325** 3 units (crs.)

Field Ecology (NS)

An introductory field ecology course that will cover comparative, experimental and theoretical approaches to basic and applied questions in ecology. Field and laboratory exercises will treat various levels of organization including populations, communities and ecosystems. Studies will be carried out in a variety of local aquatic and terrestrial habitats. Students will gain firsthand experience with modern sampling and analytical techniques in ecology. Prerequisite: Biology 105 and Biology 349/549 (may be taken concurrently). Special fees may apply. (0+1+3) (Fall)

- **Biology 326** 3 units (crs.)

Introductory Limnology (NS)

The physical, chemical and biological character of lakes and streams. Methods of field measurements, collection and analysis of water samples. Investigation of aquatic communities. Prerequisites: One term of general biology, one year of general chemistry, and consent of instructor. (2+2) (Fall, odd years)

- **Biology 327** 3 units (crs.)

Microbial Ecology

A broad overview of the physiological, phylogenetic and genomic diversity and ecology of microorganisms within a framework of general ecological principles. Focuses on evolutionary pressures leading to microbial diversity, biogeochemical cycles, symbiotic relationship, microbial relationships with other living organisms, metabolic pathways, and biotransformation of novel compounds. Prerequisites: Biology 231 or Biology 233 or Biology 309 or consent of instructor. (3+0) (Fall)

- **Biology 328** 3 units (crs.)

Ornithology (NS)

An introduction to the systematic, evolution, anatomy, behavior, and ecology of birds of the world. Field Trips. Prerequisite: Biology 230. (2+3) (Spring)

- **Biology 330** 3 units (crs.)

Ichthyology (NS)

The biology of fishes including functional anatomy, evolution, taxonomy, ecology, physiology, behavior and development. Field trips required. Prerequisite: Biology 230 and one year of general chemistry with laboratory. (2+3) (Fall, odd years)

- **Biology 332** 3 units (crs.)

Entomology (NS)

An introduction to the study of insects. Principles of biology, ecology and classification are emphasized. Elements of morphology, physiology, and collection and preservation techniques are included. Field trips. General collection of insects (assembled during the term) is required. Prerequisite: One term of general biology and Biology 230. (1+4) (Spring)

- **Biology 335** 3 units (crs.)

Systematic Biology

A study of the principles of taxonomy, nomenclature, classification and systematics incorporating the most recent approaches to derivation and application of hierarchical classification systems. Quantitative methods, their underlying assumptions, and their logical outcomes will be stressed. Prerequisite: Two terms of biology, including a survey course. (2+2) (Fall, even years)

- **Biology 336** 3 units (crs.)

Fresh Water Algae (NS)

Classification, biochemistry, physiology and ecology of fresh water algae. Emphasis on the roles algae play in aquatic ecosystems and on applications in environmental monitoring, aquaculture, and as experimental systems for basic research in photosynthesis. Prerequisite: Biology 231, 233 or 309. (2+2) (Fall even years)

- **Biology 337** 3 units (crs.)

Plant Anatomy (NS)

Structural aspects of cells, tissues, and organs comprising the plant body, their functional role in the ecology and life history of the plant, and their relationship to human affairs. (Spring, even years)

- **Biology 338** 2 units (crs.)

Environmental Toxicology

Provides studies with an appreciation and understanding of the principles of environmental toxicology and chemistry including the sources, fate, and effects of chemicals in the environment. Emphasis is on contemporary problems in human health and the environment. Prerequisite: Biology 105 or consent of instructor. (Spring)

- **Biology 339** 3 units (crs.)

Public Health and Food Microbiology (NS)

A study of microorganisms and microbial processes important to a variety of public health applications: special reference to food, water, wastewater, and environmental processes and their applications. Prerequisite: Biology 309. (3+0) 339/539 (Spring)

- **Biology 341** 3 units (crs.)

Immunology

Principles of immunology, with emphasis on the cellular and molecular basis of immune function, including clinical aspects of host immune processes. Areas of immunology currently under investigation will also be examined. Prerequisite: Biology 323 or consent of instructor. Strongly recommended: Biology 233 or 309. (3+0) (Fall)

- **Biology 343** 1-4 units (crs.)

Genetics - Lecture and Laboratory (NS)

A study of inheritance and variation at the molecular, cellular, organismic and population levels. Prerequisite: Biology 323. (3+2) (Fall/Spring)

- **Biology 344** 3 units (crs.)

Introduction to Hematology

An introduction to the basic techniques used in the chemical and microscopic examination of blood. Morphology of blood cells is emphasized. (Primarily for Medical Technologists) As a part of this course, students will be instructed in universal precautions for handling blood and body fluids consistent with U.S. Center for Disease Control and Prevention guidelines. Prerequisite: Biology 341 and consent of instructor. (2+2) (Spring)

- **Biology 345** 5 units (crs.)

Plant Physiology (NS)

An experimental study of plant growth, metabolism, nutrition, reproduction and response to environment. Prerequisite: One term of general biology, one year of general chemistry and Biology 231. (3+4) (Spring)

- **Biology 349** 3 units (crs.)

Ecology and Evolution

Basic principles which influence and govern the plant and animal relations with their environments. An explanation of the distribution, abundance, and specialization of the present-day organisms, and of extinction. Prerequisite: One term of general biology. (3+0) (Fall/Spring)

- **Biology 350** 4 units (crs.)

Electron Microscopy (NS)

Electron Microscopy is an intensive, hands-on course covering the practices, procedures and operational theories of Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM). Topics covered include specimen preparation, ultramicrotomy, microscope design and microscope function. The laboratory provides experience with all techniques necessary to prepare, observe, and photograph biological specimens on the SEM and TEM. (1+3) (Fall)

- **Biology 351** 2 units (crs.)

Evolution

The record of evolution and the mechanism of evolutionary processes. Prerequisite: One term of general biology. (Spring)

- **Biology 354** 3 units (crs.)

Parasitology (NS)

A look at the most common mode of life on earth. Emphasis will be placed on parasites of medical and veterinary importance. Topics will include life histories, identification and diagnosis, parasitic diseases, host-parasite interactions and parasite evolution. Prerequisite: One term of general biology and Biology 230. (2+2) (Spring)

- **Biology 355** 3 units (crs.)

Field Parasitology

Field Parasitology (Biology 355) is an intensive 2-week course taught at the Pigeon Lake Field Station during mid to late summer. In this course we will study parasite population and community structure, life cycles, and taxonomy. The course is designed to provide students with a broad exposure to the methods of collection, preservation and identification of parasites; data collection and analysis, and presentation of results as well as the ecology of infectious organisms. Each student will do an independent research project, and compile and present their findings during an in-class scientific program. This course emphasizes invertebrate zoology and involves fieldwork, lecture, specimen labs and readings. Prerequisite: Biology 105 or equivalent. (Summer)

- **Biology 358** 2 units (crs.)

Freshwater Invertebrates

In this course benthic organisms and zooplankton will be studied. Sampling techniques for different situations will be used. Data will be analyzed using several diverse techniques. The role of benthos and zooplankton in aquatic systems will be examined. Prerequisite: An introductory biology course and consent of instructor. (0+4) (Spring Interim-odd years)

- **Biology 360** 1-3 units (crs.)

Special Topics in Biology

A biology course on a topic not covered in the department's curriculum. This course may be repeated with different content. Each time it is offered, the topic will be announced in the class schedule. Prerequisites: Biology 105, Biology 111/112 and consent of instructor.

- **Biology 367** 2 units (crs.)

Field Ornithology

An intensive, highly field-oriented course intended to provide the practical "hands-on" experience essential to students interested in field biology. Field studies will emphasize identification and natural history of local avian species using a variety of field techniques. In addition to fieldwork, the course will involve lecture, specimen labs, and readings to examine important aspects of systematics, anatomy, physiology, behavior, ecology, and conservation as they apply to birds at Pigeon Lake Field Station. Special fees may apply. (Summer).

- **Biology 372** 3 units (crs.)

Advanced Molecular and Cell Biology

In-depth consideration of topics such as replication, transcription, translation and regulation of gene expression. Mechanisms that guide and drive cellular function and metabolism will be covered in detail. Studies of aberrant cell behavior (e.g. cancer and cell death) will be included. This course will emphasize scientific literature and quantitative problem-solving. Prerequisite: Biology 323, Biology 343 and Chemistry 106. (3+0) (Spring)

- **Biology 373** 2 units (crs.)

Biology Field Trip

Formal library and classroom study of an area of interest followed by field study of that area. Site of study will change from year to year and could include Florida Everglades and Keys, Gulf Coast, Desert Southwest, etc. A final examination will follow the trip. See instructor for special course fees. May be taken more than once for credit but only two (2) units (crs.) will apply toward the major or minor at the undergraduate level or MS Biology degree. To receive credit, student must be enrolled at beginning of term. (Spring)

- **Biology 374** 3 units (crs.)

Cell/Immunology Laboratory (NS)

Laboratory course integrating principles of cell biology and immunology. Techniques employed include, but are not limited to western blotting, SDS-PAGE, PCR and applications, ELISAs, tissue culture, and microscopy. Course is designed for students interested in molecular methods and who aim to do research or gain jobs in fields of cell and molecular biology, microbiology, medicine and medical technology. Prerequisites: Previous or concurrent enrollment in Biology 341 or 372. (0+4) (Fall)

- **Biology 375** 3 units (crs.)

Microbial Genetics

Structure of microbial genome, mutation, expression and exchange of genetic information, genetic analysis, genetic engineering. Prerequisite: Biology 309 and Biology 343. (3+0) (Fall)

- **Biology 376** 3 units (crs.)

Population and Community Ecology (NS)

An introduction to the study of populations and communities. Examines population-level phenomena (e.g., density, demography, reproduction) and population-level interactions within biological communities (e.g., competition, predation, parasitism). Labs involve discussions of papers from the literature, data analysis, and computer simulations. Prerequisite: Biology 349 or consent of instructor. Special fees may apply. (2+3) (Fall)

- **Biology 377** 2 units (crs.)

Microbial Genetics Laboratory (NS)

A laboratory course to study the genetics of bacteria and their viruses. Genetic mapping will be introduced using techniques involving mutagenesis, recombination, plasmid transfer, transduction and transformation systems. Prerequisite: Biology 309 and 375 (may be taken concurrently). (0+4) (Fall)

- **Biology 386** 3 units (crs.)

Ecosystems Ecology (NS)

An introduction to the study of ecosystems with an emphasis on biogeochemical cycles, energy budgets, and other emergent properties. Laboratory will focus on comparative and experimental approaches to the study of local ecosystems (streams, lakes, wetlands, forests). Students will acquire hands-on experience with techniques used by ecosystem ecologists such as nutrient analysis of streamwater, determination of ecosystem metabolism, and analysis of forest and wetland soils. Prerequisite: Biology 349 or consent of instructor. Special fees may apply. (2+2) (Spring)

- **Biology 389** 3 units (crs.)

Principles of Biotechnology

A survey of methods and processes used in industrial microbiology and the techniques used in the development of new processes (recombinant DNA, monoclonal antibodies and genetic improvement). Prerequisite: Biology 323 and 343. Recommend: Biology 375 or consent of instructor. (3+0) (Spring)

- **Biology 390** 2 units (crs.)

Biotechnology Laboratory (NS)

A laboratory course that complements the lecture course Biology and Microbiology 389/589 in biotechnology. Students will gain hands-on experience in some of the principles of cell culture, product isolation and purification, and molecular genetic manipulation of genes that are basic to many areas of this broad and rapidly changing field. Exercises are planned in cell culture, computer analysis of cell culture parameters, protein isolation and purification, gene cloning and nucleic acid probe techniques, DNA sequencing, and computer analysis of DNA and protein sequences. If taken at the undergraduate level, the course may not be repeated for graduate credit. Prerequisite: Biology 309. Recommend: Biology 372 and 375. (0+4) (Spring, odd years)

- **Biology 445** 1-3 units (crs.)

Topics in Environmental Health

This course will investigate and discuss in detail contemporary issues in environmental public health. Subject material and faculty will rotate. Course may be repeated for a total of 6 credits, although only three credits will count towards the Environmental Health Major, and the same topic may not be repeated. Topics include, but are not limited to Environmental Analytical Methods, Emerging Diseases, Environmental Law or Policy, Inspection of Food Establishments, Recreational Environmental Health, Water Resource Evaluation, etc. Prerequisites: Biology 105, Chemistry 105, and consent of instructor/Environmental Health Coordinator. (Fall/Spring)

- **Biology 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies Information for general course description, general prerequisites, and proper contract form requirements. May be taken more than once for credit. A maximum of six credits from Biology 446 and/or Biology 456 can be counted towards a degree in Biology or Microbiology. (Fall/Spring)

- **Biology 450** 5 units (crs.)

Microbial Physiology (NS)

Physiological and metabolic processes of bacteria with emphasis on growth, nutrition, synthesis of cellular constituents and energy yielding processes. Prerequisite: Biology 309. Strongly recommended: Chemistry 305. (3+4) (Fall)

- **Biology 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies Information for general course description, general prerequisites, and proper contract form requirements. A maximum of six credits from Biology 446 and/or Biology 456 can be counted towards a degree in Biology or Microbiology. (Fall/Spring)

- **Biology 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study. Proposals (attached to Independent Study Contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be "Honors Thesis." Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.) (Fall/Spring)

- **Biology 491** 0-0 units (crs.)

Senior Survey

Senior students, during their last semester, will take a general biology/microbiology assessment exam and fill out a survey to express their opinion of the biology/microbiology program. Tests/surveys will be taken in the Testing Center at the student's convenience, (but during normal Testing Center hours). Completion of the test/survey is a requirement for graduation. Pass/Fail (Fall/Spring)

Business, College of

Information

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Department Office: Sage Hall
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Kevin McGee, Department Chair-Economics
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Will Hagen, Department Chair-Finance and Business
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Michael Eierman, Department Chair-Management Information Systems
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Birgit Leisen Pollack, Co-Chair-Marketing and Supply Chain and Operations Management
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Jessie Pondell , Internship Director
Department Office: Sage Hall
Department Telephone: 902-424-3032
Amy Pinkston, Director of Communications and Marketing
Department Office: Sage Hall
Department Telephone: 920-424-2114
Lauren Allen, Business Manager
Department Office: Sage Hall
Department Telephone: 920-424-4440
Code 28 or BUSINESS
Code 36 or ECONOMICS

Faculty

- **Accounting:** Cross, Makar, Westort
- **Economics:** Burnett, Cotti, Gunderson, Haley, Johnson, Kovzik, McGee, Robson, Taengno, Van Scyoc
- **Finance and Business Law:** Beck, Beyer, Frederickson, Hagen, Huffman, Kunkel, Niendorf, Schellenger
- **Information Systems:** Dishaw, Eierman, Iversen, Philip, Wresch
- **Marketing:** Alexandrov, Leisen Pollack, Lilly, Moon, Stanley, Tippins
- **Management and Human Resources:** Arbaugh, DeArmond, DeDee, Desai, Feinauer, Hartman, LaVake, Miller, Rau, Sridhar, Tower
- **Supply Chain & Operations Management:** Dunn, Godfrey, Manikas, Manske

Degrees

- **Undergraduate:** A major in Business leads to the Bachelor of Business Administration. A major in Economics can lead to a Bachelor of Business Administration, Bachelor of Arts or a Bachelor of Science.
- **Graduate:** The College offers the Master of Business Administration.

Summary of Fields of Study

1. GOAL(S)

- Bachelor of Business Administration graduates will demonstrate knowledge in the functional business areas. Graduates will be able to apply basic ethical principles to business situations, have an awareness of the role of diversity in the workplace, and be able to assess global business issues. Bachelor of Business Administration graduates will also demonstrate competency in communication skills, effective planning project management, analysis and creative problem solving, information technology skills, group and team skills.

2. THE MAJOR(S)

- Each major will provide the student with the background to effectively meet tomorrow's challenges. Graduates are well prepared not only in their mastery of technical subjects, but also in their communication skills, confidence, ability to work with others, willingness to accept responsibility, and the capability to anticipate, create, adapt to and utilize change. Emphases supplement a major and must be in a different area. The College offers a choice of seven majors and thirteen emphases within the Business Major. The majors are: 1) Accounting, 2) Economics, 3) Finance, 4) Human Resources Management, 5) Information Systems, 6) Marketing, 7) Supply Chain & Operations Management; The emphases are: 1) Cost Management, 2) Information Management, 3) Entrepreneurship and Small Business Management, 4) Financial Services, 5) International Management, 6) Legal Studies, 7) Supply Chain and Operations

Management, 8) Tax Planning, 9) MIS Computer Science, 10) Real Estate, 11) Healthcare Management, 12) Insurance, 13) Web Presence Management.

3. THE MINOR(S)

- The College offers four minors in Business. These are: 1) Business Administration, 2) Operations Research, 3) Global Business and 4) Insurance and Financial Planning.

4. THE PHILOSOPHY OF THE COLLEGE

- The College of Business is a professional school committed to providing a curriculum that will prepare students for a career in business. This curriculum includes business foundation courses designed to provide students with a broad understanding of business and management functions while developing analytical ability for solving business problems. In addition, each student selects a major area of study, which focuses on the development of general proficiency in a professional field in which the student has a career interest.
- A Bachelor's of Business Administration will challenge the student to develop their intellectual and creative interests and prepare them for problem solving and decision making jobs in organizations. The bottom line of any degree program is preparation for work. The value of a business degree is affirmed by the success of the college's 8,500 bachelor's and 2,200 master's degree recipients. Many of the College of Business graduates have attained senior management status in manufacturing, government, and have become owners of small businesses. A member of the Association to Advance Collegiate Schools of Business (AACSB), the College of Business is fully accredited at both the undergraduate and graduate levels. Fewer than 20 percent of the 1,500 U.S. business colleges earn and maintain this honor. This accreditation provides students the assurance that they are receiving the quality education needed in today's competitive job market, and can make the necessary difference when beginning a career.

5. REPEAT POLICY

- The University's Repeat Policy allows students to repeat courses once if they have earned lower than a C. If a passing grade (A-D-) is earned in a business course at the University of Wisconsin Oshkosh, permission will not be granted to retake a prerequisite for that course for the purpose of using the repeat grade in calculating College of Business admission or graduation requirements. When a course has been taken twice for a grade (A-F) at the University of Wisconsin Oshkosh, a comparable transfer course cannot be substituted for the Oshkosh course for the purpose of meeting business school admission or graduation requirements.

6. GRADE CHANGE POLICY FOR THE COLLEGE OF BUSINESS

- A student may not request a grade change beyond the last day of the following seventeen week term.

7. ELIGIBILITY FOR BUSINESS 300/400 LEVEL COURSES

- Business majors are eligible for 300/400 level courses if they have been admitted to the College of Business and have met course prerequisites.
- Non-business majors are eligible for 300/400 level courses if they have completed 60 undergraduate units (crs.), have a combined grade point average of 2.5 and have met the course prerequisites. These non-business majors include students pursuing other majors, business minors, and students who are pre-business. These

students are limited to completing a total of 21 300/400 level credits of business courses, and enrolling in 6 credits per semester including interims. For interim 300/400 level classes, these non-business majors will be allowed to enroll starting 30 days before interim begins.

8. COURSE PREREQUISITES

- All students, both business majors and non-business majors, must adhere to the course prerequisites. Students in violation of course prerequisites will have their enrollment in that course canceled.

9. RESIDENCY REQUIREMENTS

- Fifty percent (50%) of the business units (crs.) needed for the business degree must be earned in residence at the University of Wisconsin Oshkosh. (Accounting majors must complete at least 6 units (crs.) of 400 level UW Oshkosh accounting courses.)

10. POLICY EXCEPTION

- An appeal process is available for possible exceptions to the above standards. The appeal will be decided by the Associate Dean for the College of Business.

Admission/Graduation Requirements

- **Application Deadlines:**
 - June 15, Fall Semester
 - January 5, Spring Semester
- **Unit (cr.) Requirement:** Student must have completed a minimum of 54 units (crs.) to be eligible for admission to the College of Business.
- **Grade Point Requirement:** 2.50 cumulative (combined) grade point average is required at 54 units (crs.).
- **Pre-core Course Requirements:** The following courses must be completed prior to seeking admission to the college. A minimum 2.20 grade point average is required for these courses and a grade of C or better must be earned in:
 - **Business:** Business 198, 204
 - **Economics:** Economics 204, 206, 210
 - **Mathematics:** Mathematics 204 and 206
- Additionally, each student must submit an essay explaining his or her reasons for selecting a major in business, and must participate in a series of activities to explore business careers. (See the College web site for a list of approved activities and further descriptions of the essay.)
- **Comment:**

Students will graduate with the bulletin year in effect for their major at the time of admission to the College.

Required Core Courses

- **Business**
 - Business 311 Essentials of Information Systems 2 cr.
 - Business 320 Essentials of Law for Business 2 cr. (Accounting majors take 321 instead of 320 3 cr.)
 - Business 331 Essentials of Finance 2 cr.
 - Business 341 Essentials of Operations Management 2 cr.
 - Business 351 Essentials of Organizational Behavior 2 cr.
 - Business 361 Essentials of Human Resource Management 2 cr.
 - Business 371 Essentials of Marketing 2 cr.
 - Business 389 Quantitative Business Analysis 2 cr.
 - Culminating Experience Requirement: Business 417 or 454 or 453 or 455 or 477 or 486 3 crs. (final semester)
- In addition, all majors must satisfy;
 - English 309 Advanced Composition for Business 3 cr.
 - Communication 111 (Speech)
 - Global Knowledge Requirement (GKR)
 - Internship Requirement

Please see the College of Business web site at: www.uwosh.edu/coba for further information on the GKR and internship requirements.
- **Additional Graduation Requirements:**
 - All Business majors require that at least 60 units (crs.) applied to the Baccalaureate degree be earned in courses other than Business or upper level Economics
 - Students must earn a minimum of 2.0 grade point average in upper level Business and Economics courses of record and in those courses required in the major area.

The Major(s), with Emphasis and/or Options

1. ACCOUNTING MAJOR

- The accounting major is offered by the Accounting Department and is recommended for students who wish to pursue a career in public, industrial or governmental accounting.
- **Required Units (crs.):** 29 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Business:** Business 205, 301, 302, 303, 304, 305, 401, 403, 404, 405
- **Prerequisites:** Students must earn a minimum grade of C in both Business 204 (or 206 and 207) and Business 205 and must earn a minimum grade point average of 2.5 in the courses combined to be eligible for Business 301 and Business 303. Students must maintain a 2.5 grade point average in all accounting courses of record to be eligible for 400 level accounting courses.
- **Comment:**

- Students must obtain a 2.5 grade point average and a minimum grade of C in all accounting courses of record at graduation. A minimum of 6 units (crs.) of 400 level accounting courses must be taken at UW Oshkosh.
 - **150-Hour Requirement**
 - Candidates who wish to sit for the CPA Exam after January 2001 are required to have:
 - 150 term hours of academic preparation
 - an accounting concentration or equivalent
 - obtained at least a Bachelor's Degree
 - The UW Oshkosh College of Business has designed several options, that satisfy the 150 Hour Requirement.
 - **Requirements to sit for the CPA Exam with a Non-Accounting Bachelor's Degree:**
 - Complete or have completed the following:
2. Bachelors or Masters degree
 3. 150 total credits
 4. Minimum of 12 credits of UW Oshkosh business and/or economic courses
 5. Minimum of 6 credits of UW Oshkosh 400 level accounting credits
 6. All course requirements listed below:
 - **Mathematics:** Mathematics 204
 - **24 Credits in Business/Economics Courses:**
 - **Business:** Business 311, 321, 331, 341, 351, 361, 371
 - **Economics:** Economics 204, 206, 210
 - **6 credits of Introductory Accounting:**
 - **Business:** Business 204, 205
 - **27 Credits in Accounting Concentration:**
 - **Business:** Business 301, 302, 303, 304, 305, 401, 403, 404, 405

Recommended Accounting Elective Courses (to increase probability of success on the CPA exam). Business 407, 408, 422

2. **ECONOMICS MAJOR**

- The Economics major is offered by the Economics Department through the College of Business. Students may also obtain a Bachelor of Science or Bachelor of Arts degree in Economics through the College of Letters and Science (see the appropriate section for details).
- **Required Units (crs.):** 21 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Economics:** Economics 329, 331, 472 or 473, and at least 6 additional units (crs.) from Economics 305, 403, 420, 433, 466 .
- **Electives:** Sufficient to meet the minimum requirement including these courses:
 - **Business/Economics:** 6 upper division unit (cr.) hours

3. **FINANCE MAJOR**

The Finance major is offered by the Finance and Business Law Department and is recommended for students who are interested in a career in financial management which would include tasks such as capital budgeting, working capital management and financial

analysis and for students interested in career positions with companies that provide financial services such as banks, brokerage firms, financial planning firms, insurance companies, real estate firms.

- **Required Units (crs.):** 26 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Business:** Business 205, 333, 334, 335, 433
 - **Business:** at least 9 additional units (crs.) from Business 301, 303, 336, 337, 338, 431, 432, 435 and 438, with a minimum of 3 units (cr.) from the 400 level listed above.
- **Electives:** Sufficient to meet the minimum requirement including these courses:
- **Business/Economics:** 3 upper level unit (cr.) hours

4. HUMAN RESOURCES MANAGEMENT MAJOR

The Human Resources Management major is offered by the Management and Human Resources Department and is recommended for students who have career interests in such personnel management functions as recruitment, selection, training and development, compensation, performance appraisal, and labor relations.

- **Required Units (crs.):** 27 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Business:** Business 360, 362, 363, 364, 366, 367, 368, 453.
 - **Other Requirements:** 6 units (crs.) in Psychology, Sociology or Anthropology as approved by the Business advisor.
 - **Electives:** Sufficient to meet the minimum requirement including these courses:
 - Business/Economics: 6 upper level units (crs.)

5. INFORMATION SYSTEMS MAJOR

This major is offered by the Management Information Systems (MIS) Department and is recommended for students who wish to be able to help businesses compete in a global economy by utilizing the power of computer information technology to make better decisions and run business operations efficiently.

- The Information Systems major will prepare students for careers in such information technology areas as programming, systems analysis, database administration, network administration, project management training, and consulting.
- **Required Units (crs.):** 30 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Computer Science:** Computer Science 142, 221.
 - **Business:** Business 314, 315, 318, 355, 410, 411, 412, 417.
 - **Computer Science Emphasis(open only to MIS majors):** Computer Science 262, 271 and three credits from the following Computer Science courses: Computer Science 251, 331, 337, 346, 371, or 381. Courses in the emphasis may not double count in the MIS major.
- For a minor in Computer Science, see the appropriate section of this bulletin.
- **Electives:** Sufficient to meet the minimum requirement
- **Prerequisites:** Students must earn a minimum grade point average of 2.5 in Computer Science 243 and Business 311 to be eligible for advanced IS courses.

- **Comment:**

- Additional course work in Computer Science is recommended.

6. MARKETING MAJOR

The Marketing major is offered by the Marketing Department and is recommended for students who have career interests in such areas as sales, sales management, retail management, promotion, marketing research and marketing management.

- **Required Units (crs.):** 21 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Business:** Business 374, 379, 473, 477, and 377* or 475*.
 - **Business:** three of the following: Business 372, 373, 375, 376, 377*, 463, and 475*
 - *these two courses may be counted only once
- **Electives:** Sufficient to meet the minimum requirement including these courses:
 - **Business:** 9 upper level units (crs.) - no more than one course from a non-marketing area unless the student is a double major.

7. SUPPLY CHAIN & OPERATIONS MANAGEMENT MAJOR

The Supply Chain & Operations Management major is offered by the Supply Chain & Operations Management Department and is recommended for students who are interested in careers related to operations of a business including materials management, production and inventory control, purchasing, logistics, manufacturing systems, and operations research.

- **Required Units (crs.):** 21 minimum
- **Required Courses:** In addition to the College of Business Pre-Core and Core Courses:
 - **Business:** Business 342, 343, 344, 445, 450 and 460.
- **Electives:** Sufficient to meet the minimum requirement including these courses:
 - **Business/Economics:** 3 upper level units (crs.)

EMPHASES (Requires an Approved Business Major)

1. Cost Management Emphasis

This emphasis is designed for students pursuing careers with significant job responsibilities in cost management and control within industrial settings. Not open to Accounting majors.

Required courses:

- **Business:** Business 205, 301, 303, 304

2. Information Management Emphasis

This emphasis is recommended for students who wish to be able to analyze, manage and use information systems within their functional area of expertise in business and to prepare themselves to work with information systems professionals in accessing information needs, developing requirements, and implementing solutions. Not open to MIS majors.

Required Courses:

- **Business:** Business 314, 355, 411

3. Entrepreneurship and Small Business Management Emphasis

This emphasis is recommended for students who have a career interest in starting a new business or small business ownership or management. Open to any business major.

Required Courses:

- **Business:** Business 383, 485

- **Business*:** select one from: Business 303, 314, 336, 337, 338, 343, 364, 372, 374, 376, 379, 382, 431, 433

*course selected cannot be a course counted toward major

4. **Financial Services Emphasis**

This emphasis will allow students to broaden and expand their skills in financial services while pursuing a major in another area. Not open to Finance majors.

Required Courses:

- **Business:** Business 333
- **Business:** select two from: Business 327, 334, 336, 337, 338, 379, 432, 435

5. **Healthcare Management Emphasis**

This emphasis is recommended for students interested in careers in healthcare organizations. The Honors version of any course may be substituted. See a Healthcare advisor for General Education recommendations in support of this Emphasis.

Required Courses:

- **Biology and Microbiology:** Biology 105 or 108, 112, 211 or 308, 212 or 319, 233 or 309
- **Chemistry:** Chemistry 101 and 102 or 105 and 106 (meets the requirement for two General Education Natural Science course)

6. **Insurance Emphasis**

Open to any business major. Students cannot complete both the Insurance emphasis and the Insurance and Financial Planning minor.

Required Courses:

- Business 327, 337*, 437

Business 337 cannot count for both the Finance Major and the Insurance Emphasis.

7. **International Management Emphasis**

This emphasis will allow students to expand their knowledge of the international business environment beyond their major. Open to any business major. Not open to students with a minor in Global Business.

Required Courses:

At least two courses from Group A and an additional two courses from Group A or Group B

- **Group A:**
 - **Business:** Business 335, 365, 375, 480 and 494
- **Group B:**
 - **Economics:** Economics 420
 - **International Studies:** International Studies 341
 - **One (1) 300 level foreign languages course.** An international study tour, study abroad program, or an international internship or work experience may be approved for unit (cr.).

8. **Legal Studies Emphasis**

This emphasis allows the student to focus additional study in private law. Open to any business major.

Required Courses:

- **Business:** Business 320, 321, 422
- **Electives:** (select one from the following):
 - **Business:** Business 326, 363*, 403**
 - **Criminal Justice:** Criminal Justice 270, 319, 348

- **Education and Human Services:** Educational Foundations 412, Human Services 415
- **Journalism:** Journalism 412
- **Philosophy:** Philosophy 345
- **Political Science:** Political Science 253, 305, 306, 330, 392
- **Public Administration:** Public Administration 307
- **Urban Planning:** Urban Planning 317

*Business 363 cannot count for both the Human Resource Management Major and the Legal Studies Emphasis.

**Business 403 cannot count for both the Accounting Major and the Legal Studies Emphasis.

9. MIS Computer Science Emphasis

This emphasis is only open to MIS majors.

Required Courses:

- **Computer Science:** Computer Science 262, 271
- **Three credits from the following Computer Science courses:** Computer Science 251, 331, 337, 346, 371, or 381. Courses in the emphasis may not double count in the MIS major.

10. Real Estate Emphasis

This emphasis will provide student with knowledge of the financing, ownership, use, management, control, valuation, disposition, and legal aspect of real estate. Open to all business majors.

Required Units (crs.):

- **Business:** Business 326
- **Electives:** Choose two of the following:
 - **Business:** Business 321*, 338**
 - **Urban Planning:** Urban Planning 300, 317, 320, 360

**For Accounting majors only, Business 321 may not count as part of the Real Estate Emphasis; rather Business 422 may be used as a substitute elective for the emphasis.*

***This course cannot count for both a Finance major and a Real Estate emphasis.*

11. Supply Chain & Operations Management Emphasis

This emphasis will provide students with a more in-depth understanding of the planning, execution, and control of the activities amongst interconnected businesses in the delivery of products and services. Required courses provide students an overview of the planning and control functions within a company and between companies in the supply chain. The courses for this emphasis teach students about supply chain management problem-solving techniques, leadership skills, manufacturing planning, sourcing, transportation, and inventory management. Not open to Supply Chain & Operations Management majors.

Required Courses:

- **Business:** Business 343, 344
- **Business:** one from the following: Business 342, 441, 449, 460

12. Tax Planning Emphasis

This emphasis is designed for those students pursuing careers in financial planning or tax preparation services. Not open to Accounting majors.

Required Courses:

- **Business:** Business 205, 301, 403, 404

13. Web Presence Management Emphasis

This emphasis will provide students with some exposure to managing web sites and companies' web presences and online marketing strategies.

Required Courses:

- **Business:** Business 111
- **9 units (crs.) from the following list:**
 - Business 390, 392, 463, 495;
 - Computer Science 125

The Minor(s)

1. BUSINESS ADMINISTRATION

Recommended for students who wish to combine a basic Business curriculum with an academic major in another college. A 2.5 cumulative grade point average, 60 units (crs.), and all course prerequisites are required for enrollment to upper level business courses (300/400).

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Business:** Business 198, 204, 311, 320, 331, 341, 351, 361, 371
 - **Economics:** Economics 106 or 204 or 206 or 208 or 209
- **Comment:**

In addition to course prerequisites, the following courses are recommended prior to taking 300/400 level requirements in the minor: Business: Business 198 and 204; Economics: an Economics course.

A minimum of 9 units (crs.) of 300/400 level business courses must be taken at the University Wisconsin Oshkosh.

2. OPERATIONS RESEARCH

Recommended for students who wish to combine a Computer Science or Mathematics major with a quantitative Business minor or for business students who want an applications-oriented Mathematics minor.

- **Required Units (crs.):** 25 minimum
- **Required Courses:**
 - **Math:** Math 171, 172, 222, 256 and 301
 - **Business:** Business 341, 342, 460
- **Electives:** None

3. GLOBAL BUSINESS

This minor is only available to students with a major in the College of Business. Not available to students with an International Management Emphasis.

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - **Global Business Requirement (6 credits):** Business 335, 365 or 375.
 - **Foreign Language Requirement:** the equivalent of 8 college credits of a foreign language (all 8 credits must be in the same language).
 - **Cultural Diversity Requirement:** 6 credits from a pre-approved list of 300/400 level courses.

- **The Study Tour Requirement:** must be fulfilled with a COB pre-approval study tour or semester abroad academic experience that provides the student with significant observation of and/or interaction with business/management in a different culture. The Study Tour Requirement must provide the student with the opportunity to study multiple businesses in multiple industries. Automatic pre-approval is provided to any experience supported by the COB or in association with the COB.

4. INSURANCE AND FINANCIAL PLANNING

Open to all students. Students cannot complete both the Insurance and Financial Planning minor and the Insurance emphasis.

- **Required Units (crs.):** 21 minimum
- **Required Courses:**
 - **Business:** Business 327, 334, 336, 337*, 437
 - **Select two courses from the following:** Business 333, 379, 383, 403, 404

*Business 337 cannot count for both the Finance Major and the Insurance and Financial Planning Minor

Course Offerings

- **Business 111** 3 units (crs.)

Creating the Digital Future

This course explores the impact of emerging interactive technologies on business and society from social, economic, technical, legal, creative, and entrepreneurial perspectives. It provides an overview of the myriad of issues surrounding the introduction of new mobile, collaborative, social networking technologies, and their assimilation into society and commerce. The course will involve significant hands-on work. Specific topics to be covered in the course include: information security and privacy, new ways of organizing work and supporting collaboration, use of interactive technologies to support marketing and advertising, creation of new high-tech businesses, and the impact of emerging technologies on users.

- **Business 197** 1 unit (cr.)

Business Computer Skills

This course introduces students to business applications for computer-based personal productivity tools. Software packages covered in the course include word processing, spreadsheets, presentations, electronic mail, and world-wide web applications. The emphasis for all of these packages will be the business utilization of the software. Topical coverage will also include the use of UW Oshkosh computer facilities, data processing concepts and terminology, hardware and software concepts and terminology, and the evaluation of microcomputer.

- **Business 198** 3 units (crs.)

Introduction to Business

The course is designed as an introductory course for all students interested in learning more about business. Students will be exposed to many different aspects of the world of business. A primary objective of the course is to broaden both the interests and horizons of early level university students toward understanding the dynamics of business and business

careers. Lectures, readings, presentations by guest speakers, videos, etc. will be utilized to facilitate student's learning.

- **Business 204** 4 units (crs.)

Essentials of Financial and Managerial Accounting

This course introduces students to the principles of 1) financial accounting and the preparation, interpretation and analysis of general purpose financial statements for parties external to the organization, and 2) management accounting, the use of accounting information for planning and control, decision making, and the costing of organizational activities. The emphasis is on the use of accounting information rather than the creation of that information. Financial and managerial accounting are covered in roughly equal proportions. Prerequisite: Mathematics 103 or PBIS 187, 188, or 189, or placement into or completion of higher level math, 24 units (crs.), 2.0 GPA, and Business 198 or concurrent enrollment.

- **Business 205** 2 units (crs.)

Financial Accounting Cycle

This course, following Introduction to Financial Accounting, is designed to introduce the use of microcomputers in financial accounting. After completing this course, students will have obtained an extended understanding of the financial accounting cycle and a foundation for exploring, using and designing computerized accounting systems. Prerequisite: Business 204 or concurrent enrollment or Business 206. (Spring)

- **Business 206** 2 units (crs.)

Financial Accounting

This course provides an introduction to Financial Accounting equivalent to the financial accounting coverage in Business 204. Prerequisite: Consent of instructor.

- **Business 207** 2 units (crs.)

Managerial Accounting

This course is designed to cover all managerial topics included in Business 204. Prerequisites: Business 206

- **Business 210** 3 units (crs.)

Computer Literacy

This course is designed to prepare students to be able to use management information systems and to understand their basic concepts. Topics include: the use of the University of Wisconsin Oshkosh computer facilities, data processing concepts, hardware concepts, software concepts, and system design and analysis concepts.

- **Business 231** 3 units (crs.)

Personal Finance (GE)

A study of the major financial decisions encountered by individuals. Subjects covered are: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. Each subject is analyzed within the context of a comprehensive framework of personal financial planning. (May not be taken as a major elective by business students).

- **Business 260** 3 units (crs.)

Advanced Business COBOL I

Advanced aspects of the COBOL programming language are studied in the context of business applications. COBOL is a 3rd generation language designed for business computing. The goal of this class is to help the student develop their programming skills through the COBOL language. Topics focused on include structured programming, program testing, JCL, sorting,

subprogramming, sequential, relative, and indexed sequential file processing, tables, program maintenance, and database access with SQL. Prerequisite: Computer Science 243 with a grade of C or better. (Spring)

- **Business 295** 3 units (crs.)

Cultural Diversity in the Workplace (ES)

This course focuses on women and minorities in the U.S. and the issues they have faced in the business world. It encourages students to analyze their own value systems and to develop cultural sensitivity. It further demonstrates that businesses and managers must learn new ways to utilize diversity as a competitive advantage by treating all employees as valued individuals.

- **Business 300** 0-0 units (crs.)

Professional Experience in Business

Professional Experience in Business is a graduation requirement for the College of Business. It involves the student's having a practical work or training experience of sufficient duration that allows the student to understand basic skills or principles required to be qualified for an entry-level professional position following graduation. Prerequisite: Admission to the College of Business. Pass/Fail course.

- **Business 301** 3 units (crs.)

Intermediate Accounting I

This course is designed to give students an in-depth understanding of the theory and current practice of financial accounting as it pertains to the assets and the related accounts on the income statement. This course also covers the time value of money, revenue recognition principles, and preparation and analysis of the income statement and balance sheet. Prerequisite: BUS 204 (or BUS 206 & 207) with a grade of C or better and BUS 205 with a grade of C or better, with a combined GPA of 2.5 or better. (Fall)

- **Business 302** 3 units (crs.)

Intermediate Accounting II

This course is designed to give students an in-depth understanding of the theory and current practice of financial accounting as it pertains to liabilities and equity and the related accounts on the income statement. This course also covers earnings per share, accounting changes and errors, and preparation and analysis of the statement of cash flows. Prerequisite: Business 301 with a grade of C or better. (Spring)

- **Business 303** 4 units (crs.)

Cost Management

Fundamental principles and procedures of cost accounting including process costs and job order costs. Detailed study of indirect manufacturing cost, standard cost procedures and variance analysis. System design, budgeting and responsibility accounting are considered. Prerequisites: BUS 204 (or BUS 206 & 207) with a grade of C or better and BUS 205 with a grade of C or better, a GPA of 2.5 or better or Business 204 (or Business 206 & 207) and Business 205; and Business 341, (or concurrent enrollment). (Fall)

- **Business 304** 3 units (crs.)

Advanced Cost Management

Topics include cost analysis, capital budgeting, cost allocation, divisional performance, transfer pricing and cost evaluation. Quantitative methods and decision models are presented. The behavioral aspects of responsibility accounting are considered. Prerequisite: Business 303 with a grade of C or better. (Spring)

- **Business 305** 2 units (crs.)

Accounting Information Systems

This course deals with the design, use, and management of information systems that support the financial and managerial accounting functions of modern organizations. Topics include organization of accounting systems, principals of systems design and documentation, transaction processing and data storage, internal controls, system security, auditing of information systems, and reporting systems. Prerequisites: Business 301, and 311.

- **Business 311** 2 units (crs.)

Essentials of Information Systems

This course covers essential business aspects of information systems such as networks, databases, the Internet, management reporting, software development, computer hardware, and information ethics. The course also examines the use of information systems for managerial decision-making and for gaining strategic advantage. Students will have hands-on experience developing data base systems and with Enterprise Resource Planning (ERP) systems.

Prerequisites: 44 credits completed and cumulative GPA of 2.4 or better.

- **Business 314** 3 units (crs.)

Systems Analysis and Design

This course is a study of the process of developing information systems. Students will learn requirements specifications, systems modeling, and systems design techniques in the Systems Development Life Cycle. Object-oriented approaches and techniques include UML will be emphasized. Structured approaches and techniques such as Data Flow Diagrams will also be introduced. A major component of the course is the analysis and design of a business system as a term project. Prerequisites: At least concurrent enrollment in Business 311, or at least concurrent enrollment in Computer Science 271.

- **Business 315** 3 units (crs.)

Database Systems in Business

This course is a study of database systems in the context of their use in business to support information systems and decision-making. The course places special emphasis on data access using SQL and includes application development using a commercial database management system such as Oracle and SQL Server. Other topics include database concepts, data modeling, database design and development, administration of database systems, and technologies. Prerequisites: Business 311 with a (C) or better, or Computer Science 271 with a C or better, and concurrent enrollment or completion in Computer Science 142.

- **Business 318** 3 units (crs.)

Business Programming in Java

This is an advanced Java programming course focusing on building professional-quality business systems using object-oriented design principles. Topics include object-oriented data modeling, graphical user interfaces, applets, text and binary I/O, and integration with relational and object-oriented databases. The course includes a special focus on developing and executing test plans at both the unit and system levels. Prerequisites: Computer Science 221 with a (C) or better, at least concurrent enrollment in Business 314.

- **Business 319** 1-3 units (crs.)

MIS Topics

A study of current information systems topics. Topics may vary from semester to semester. Students are allowed to enroll in this course twice for credit, subject to difference in

topics between the two enrollments and instructor approval. Prerequisites: Business 311 with a C or better or Computer Science 271 with a C or better.

- **Business 320** 2 units (crs.)

Essentials of Law for Business

This course primarily examines selected areas of law that affect business. The subject matter includes the legal system, civil and criminal conduct, various business relationships and transactions, and ethics that apply to business.

- **Business 321** 3 units (crs.)

Business Law I

This course primarily involves an in-depth study of contract law under common law and sales of goods as regulated by Article II of the Uniform Commercial Code. The U.C.C. topics include: transfer of title, risk of loss, warranties, performance and discharge. Secondly, this course covers, in varying scope: personal and real property, bailments, insurance, estates and trusts, and ethics. (Fall)

- **Business 326** 3 units (crs.)

Real Estate Principles

A study of the acquisition, use, control, transfer, taxation, and legal aspects of real estate. Real estate (also called realty or real property) deal with land and building. This course includes application of legal principles to real estate.

- **Business 327** 3 units (crs.)

Risk Management and Insurance

An introductory study of the risk management process and the importance of insurance as a method of handling risk. This course is designed to generate an aware of the nature of risk, its effects on individual and business decisions, and the methods available for treating risk. Course content includes property insurance, auto insurance, life and health insurance, workers compensation and employee benefits. Relationships between risk management and other functional areas of business are also considered. Prerequisites: Business 389 with a grade of C or better and Business 331 with a grade of C or better; or consent of instructor for Non-Business majors with a strong math background.

- **Business 331** 2 units (crs.)

Essentials of Finance

A study of the financial decision-making in business to solve problems and identify business opportunities in a global environment. Students learn to use financial tools (e.g. financial statement analysis, time value of money, cash flow analysis, and risk and return analysis) to make capital budgeting and working-capital decisions. Prerequisite: Business 204, Business 201 and 202 or Business 206 and 207 or Business 201 and 207.

- **Business 332** 3 units (crs.)

Honors: Business Finance

A study of the financial decision-making in business to solve problems and identify business opportunities in a global environment. Students learn to use financial tools (e.g. financial statement analysis, time value of money, cash flow analysis, and risk and return analysis) to make capital budgeting and working-capital decisions. Prerequisite: Business 204.

- **Business 333** 3 units (crs.)

Financial Markets

A study of the financial system of the United States and other countries. Topics in this course include financial markets, financial securities such as financial derivatives, financial institutions,

laws and regulations. The course examines the role and operation of financial markets to raise and allocate scarce capital resources. The course also examines how interest rates are determined and the effects of the Federal Reserve and Treasury policies on the financial system.

Prerequisite: Business 389 with a grade of "C" or better and Business 331 with a grade of "C" or better.

- **Business 334** 3 units (crs.)

Investment Management

A study of investment and portfolio management theories and concepts used to identify investment opportunities in global financial markets. Attention is centered on the analysis of the risk-return characteristics of investment vehicles including financial derivatives. Prerequisite: Business 389 with a grade of "C" or better and Business 331 with a grade of "C" or better.

- **Business 335** 3 units (crs.)

International Business Finance

A study of international financial theory, markets and instruments used in the management of the investing and the financing of a global business. The course includes application of currency forecasting, speculation and hedging to international investing and financing decisions.

Prerequisite: Business 389 with a grade of "C" or better and Business 331 with a grade of "C" or better.

- **Business 336** 3 units (crs.)

Financial Planning for Individuals

A risk management approach to the financial uncertainty of individuals and households. This includes the use of insurance for autos and homes, life insurance, disability insurance, health insurance, annuities, retirement accounts, and social security to meet the financial needs of individuals. Prerequisite: Business 389 with a grade of "C" or better and Business 331 with a grade of "C" or better.

- **Business 337** 3 units (crs.)

Business Risk Management and Insurance

A risk management approach to the financial uncertainty of business. This includes liability insurance for business, employee benefits (workers compensation and social security), pension and group insurance, and self-insurance for property liability losses. Prerequisite: Business 389 with a grade of "C" or better and Business 331 with a grade of "C" or better.

- **Business 338** 3 units (crs.)

Real Estate Finance

This course involves a study of investments in real estate including the economics of the real estate market, investment strategy, risk and return analysis, financial leverage, investment analysis, mortgage underwriting, and the secondary mortgage market. This course also includes application of the time value of money, discounted cash flow models, cash flow projections, and financial analysis. Prerequisites: Business 331 with a grade of "C" or better and Business 389 with a grade of "C" or better.

- **Business 341** 2 units (crs.)

Essentials of Operations Management

This course is an overview of production and service management, including supply chain management, production and capacity planning, quality and productivity, process selection, facility location and layout, purchasing, inventory planning, scheduling, just-in-time, and project management. In addition, this course incorporates the triple bottom line of sustainability (people, planet and profit). Prerequisite: None.

- **Business 342** 3 units (crs.)

Analytical Methods in Supply Chain Management

This course involves mathematical modeling. The types of models studied are referred to by several different terms, including operations research, management science, and quantitative methods. Specific techniques include mathematical programming (linear and integer), computer simulation, decision analysis, Little's Law, and project scheduling. These techniques are studied in the context of supply chain management applications. Formulation of models, interpretation of results, and applications are emphasized. In addition, this course incorporates the triple bottom line (people, planet and profit). Prerequisite: Admission to College of Business and Business 341, Essentials of Operations Management) (may be taken concurrently) and Business 389, Quantitative Business Analysis) (may be taken concurrently).

- **Business 343** 3 units (crs.)

Manufacturing Planning and Control Systems

A study of manufacturing planning and control systems. Topics include an overview of supply chain management, manufacturing strategy, forecasting, sales and operations planning, resource requirements planning, master production scheduling, rough-cut capacity planning, material requirements planning, capacity requirements planning, production activity control, Lean, constraints management, inventory principles, lot-sizing methods and independent demand inventory management systems. Students will be required to learn and to apply different types of software, e.g., Excel spreadsheets to problems built around the course topics. In addition, this course incorporates the triple bottom line (people, planet and profit). Prerequisite: Business 341(Essentials of Operations Management) and Business 389 (Quantitative Business Analysis) (may take Business 389 concurrently).

- **Business 344** 3 units (crs.)

Supply Chain Management

An introduction to activities performed by all entities involved, directly or indirectly, in fulfilling customer demand. These activities include customer relationship management, supplier relationship management designing supply chain networks, inventory management, transportation, warehousing, packaging, materials handling, sourcing, pricing, planning supply and demand, and managing information technology. In addition, the course incorporates the triple bottom line (people, planet and profit). Prerequisite: Business 341(Essentials of Operations Management) and Business 389 (Quantitative Business Analysis) (may take Business 389 concurrently).

- **Business 351** 2 units (crs.)

Essentials of Organizational Behavior

This course seeks to introduce the student to issues relating to the management of people in organizations. Behavior is sought to be understood in the light of empirical and theoretical research and to relate such understanding to the management of organizations. Human behavior is considered a function of individual, group and organization dynamics. Concepts and practices related to motivation, perception, intra-group and inter-group dynamics, team management, leadership, communication, decision-making, organizational design, and organizational culture will be explored. These concepts will also be discussed in light of their many applications in human resource management and other relevant business disciplines and topics. Prerequisites: Business 198 and Economics 106, 204 or 206, 44 credits completed with a

cumulative GPA of 2.4 or better. NOTE: This change corresponds to a change in the Economics course sequence.

- **Business 352** 3 units (crs.)

Organization and Human Resource Management

This course covers various concepts and theories related to individual differences, motivation, group dynamics, communication, decision making, leadership, organizational culture, organizational design, organizational development and change. Further, it provides an overview of the human resource management functions such as human resource planning, recruitment, selection, training and development, performance appraisal, reward systems, discrimination and other topics.

- **Business 355** 3 units (crs.)

Networking and Data Communications

As companies increasingly rely on their data networks for essential communication both internally and externally, understanding and managing those networks and other IT infrastructure elements becomes essential for both IS professionals as well as managers in general. This course introduces students to professional and modern data communication technologies. We study all aspects of data communication through lecture, discussion, presentations, and hands-on activities. Includes coverage of TCP/IP, the OSI model, ethernet, wireless networks, the Internet, network topology, common networking services (email, web, ftp, etc.), as well as emerging technologies. Data security plays a prominent role in the course. Through this course, students will gain knowledge and skills needed to understand, design, manage, and specify corporate networking solutions. Prerequisites: Business 311 with a C or better, or Computer Science 271 with a C or better and at least concurrent enrollment in Business 314.

- **Business 360** 1 units (crs.)

Occupational Safety and Health

This course is designed to help students better understand issues related to occupational safety and health. The course focuses on occupational safety and health theory, laws and regulations, management, and promotion. Students will gain familiarity with a variety of occupational safety and health hazards (e.g., ergonomic hazards, occupational stress, incivility, violence) and methods used by organizations to avoid or manage problems associated with these hazards. Prerequisites: Business 351 and Business 361

- **Business 361** 2 units (crs.)

Essentials of Human Resource Management

This course covers various concepts and theories related to human resources management (HRM) functions such as human resource planning, the legal environment, planning and forecasting, recruitment, selection, training and development, performance appraisal, reward systems, compensation, benefits, labor relations, and international HRM. Prerequisites: Business 198 and Economics 106 or 204 or 206, 44 credits completed with a cumulative GPA of 2.4 or better. NOTE: This change corresponds to a change in the Economics course sequence.

- **Business 362** 3 units (crs.)

Compensation Management

A systematic review and analysis of organizational reward systems. Total compensation systems including the environment within which they are administered are considered along with the impact of intrinsic rewards on employee motivation. Focus will also

include job analysis and performance appraisal. Prerequisite: Business 351, Essentials of Management; Business 361, Essentials of Human Resource Management; Business 389, Quantitative Business Analysis.

- **Business 363** 3 units (crs.)

Employee Relations

The relationships between management and employees, in both non-union and organized environments, including labor unions and professional associations. The course will explore: quality of work life, complaint resolution, collective bargaining issues and processes, discipline, employee rights, and methods of settling disputes. Prerequisite: Business 351, Essentials of Management; Business 361, Essentials of Human Resources Mgmt; Business 389, Quantitative Business Analysis, must be taken with or prior to Business 363.

- **Business 364** 3 units (crs.)

Human Resource Staffing and Planning

This course focuses on the organizational functions of staffing and planning. Topics include: Human Resource planning, employee recruitment, selection, placement, staff reductions and related legal issues. Prerequisites: Business 361, Essentials of Human Resource Management; Business 351, Essentials of Organizational Behavior; and Business 389, Quantitative Business Analysis.

- **Business 365** 3 units (crs.)

Global Management

Managers around the world are or soon will be involved to some degree in international business. The escalating level of involvement and competitiveness makes it imperative for managers to develop the knowledge and skills needed to be effective in cross-national interactions and in daily operations in foreign subsidiaries. These skills are also necessary for large numbers of managers who do not work abroad but who need international management knowledge and skills to effectively manage the increasing levels of workforce diversity in organizations in the U.S. This course provides this essential knowledge and skills. Prerequisite: Admission to the College of Business.

- **Business 366** 1.5 units (crs.)

Human Resource Information and Metrics

This course addresses issues associated with the management of human resources data in organizations. Topics include the selection and implementation of a human resource information system (HRIS); integrity and confidentiality of data in an HRIS; and the use of HR data in supporting managerial decisions, analyzing the performance of the HR function, and linking HR strategy to business strategy. Prerequisites: Business 361, Essentials of Human Resource Management; Business 351, Essentials of Management.

- **Business 367** 1.5 units (crs.)

Benefits Administration

This course provides the skills needed to oversee the benefits function of an organization. The course provides an overview of the role of benefits in an organization, the integration of benefits with other forms of compensation and the design of benefits packages to support strategic objectives of the organization. The course includes a historical review of health care and an analysis of options for health care cost control. Prerequisites: Business 361, Essentials of Human Resource Management; Business 351, Essentials of Management.

- **Business 368** 1.5 units (crs.)

Training and Development

This course is designed to prepare a student for the role of training coordinator in an organization. The course focuses on methods of identifying and meeting the human resource development needs of an organization. Methods of determining training needs, learning theory and analysis of training methods will be covered. Prerequisites: Business 361, Essentials of Human Resource Management; Business 351, Essentials of Management.

- **Business 369** 1.5 units (crs.)

Change Management

This course is designed to provide the skills HR managers need to help manage organizational change. The course will provide an overview of the dynamics of how change occurs in organizations. Specific topics include: overcoming resistance to change, managing cultural change and helping organizations become more change friendly. Prerequisites: Business 361, Essentials of Human Resource Management; Business 351, Essentials of Management.

- **Business 370** 3 units (crs.)

Honors Introduction to Marketing

Accelerated introduction to marketing for university honors students and other students who wish to apply. This course covers a survey of marketing topics applicable to profit and non-profit organizations. The marketing variables of product, price, promotion and channels are treated as decisions to be determined by the marketing manager. Other topics include environmental factors, international marketing, and consumer and organizational buying behavior. Prerequisite: 54 credits and consent of instructor.

- **Business 371** 2 units (crs.)

Essentials of Marketing

Topics reflect decisions businesses make such as how to segment markets and target groups of buyers, what products/services to develop, how to set prices, how to advertise and promote products/services, and how to get products/services to customers. Other issues discussed include personal selling, market research, market strategy, and how people buy. Several applied assignments exist, both qualitative and quantitative. Students entering the course are expected to have good algebra and other basic math skills; knowledge of Microsoft Excel is a plus.

- **Business 372** 3 units (crs.)

Retail Management

A managerial study relating the marketing concept to the retailing process. Topics include store location, the organizational structure, merchandise planning and control, pricing, sales promotion, customer services, and expense control. Prerequisite: Business 371.

- **Business 373** 3 units (crs.)

Physical Distribution Management

A systems approach to the study of a firm's facilities, finished goods inventory, methods of transportation, communications and materials handling procedures. Cost and demand variables are analyzed within a spatial and temporal framework. Prerequisite: Business 371.

- **Business 374** 3 units (crs.)

Marketing Research

A study of scientific procedures applicable to marketing research. Methodological considerations include: defining the problem, determining the research design, collecting data, tabulating and analyzing data, and preparing reports. Prerequisites: Business 371 with a grade of C+ or better and Business 389 with a grade of C or better.

- **Business 375** 3 units (crs.)

International Marketing

Environment of international markets and institutions is presented. The impact of technical, legal and financial problems on the marketing plan are analyzed with particular emphasis upon current international developments. Prerequisite: Business 371.

- **Business 376** 3 units (crs.)

Advertising and Sales Promotion

A managerial examination of advertising techniques and how they affect decisions in advertising and sales promotion. Course topics include setting advertising objectives and the budget, applying media tools, and developing advertisements. Instructional methods may include a team project, Internet assignments, and workshops. Prerequisite: Business 371

- **Business 377** 3 units (crs.)

Consumer Behavior

Factors that influence purchasing are explored. Consumers are analyzed in terms of how they form perceptions of brands, and how they use these perceptions to make purchase decisions within the problem solving process. Marketing variables are considered in terms of how they affect the consumer's perceptions and decisions. Related topics include post purchase satisfaction and brand loyalty. Prerequisite: Business 371 and Business 389.

- **Business 378** 3 units (crs.)

Product Management

Product program development and implementation. Analysis of market factors, organizational structures, and production and procurement alternatives. A project, such as a product audit in the field, is a primary part of the course. Prerequisite: Business 371.

- **Business 379** 3 units (crs.)

Selling and Sales Management

A combined course in personal selling and sales force management. Motivational theories concerning the prospect provide a lead-in to a diagnostic approach for obtaining successful sales presentations. Principles of management are evaluated as they apply to the sales force. Prerequisite: Business 371.

- **Business 383** 3 units (crs.)

Entrepreneurship

A study of analytical and conceptual skills in entrepreneurship and new venture management. Exposure will be given to a variety of environments for entrepreneurial activity including new ventures created both inside and outside of existing corporations. Specific management skills or successful entrepreneurs will be examined. Prerequisite: Minimum 6 units (crs.) of core business courses or consent of instructor. (Fall)

- **Business 384** 1 unit (cr.)

Professional Skills in Business

Students will develop resumes, cover letters, participate in mock job interviews, conduct a career exploration, study potential employers, conduct informational interviews and network with potential employers, learn salary negotiation strategies, and discuss professionalism expectations in business. Prerequisites: Admission to the College of Business or 2.5 GPA and completion of 44 credits including Business 198 and either Economics 204 or 206. Special course fees may apply.

- **Business 385** 1.5 units (crs.)

Professional Skills II Trial Course

Students will receive feedback from business professionals and the professor on documents and skills developed (Personal Development Plan) since Prof Skills I: resumes, portfolios,

presentations, professionalism, communications, and continued to address needed improvements. Students will prepare a strategy for their job search, and learn how to negotiate a salary/compensation package, handle crisis situations, and conduct complex interviewing. Prerequisites: Business 384, Prof Skills I.

- **Business 389** 2 units (crs.)

Quantitative Business Analysis

The focus of this course is the principles, concepts, and techniques of electronic spreadsheets and the use of electronic spreadsheets in applied quantitative business analysis. The course is a hands-on applications course using the statistical concepts developed in Economics 210.

Prerequisite: Admission to the College of Business and Economics 210.

- **Business 390** 3 units (crs.)

Internet Platform Management

This course covers the basic technologies needed to understand and manage a modern web system. This includes the design and implementation of databases, networking, web servers, and general website operations. The course also discusses issues of ensuring data and user security, confidentiality, and privacy. Specific topics to be included are: TCP/IP model, Ethernet and wireless networks, web server set-up and administration, contracting with web hosting services, managing service contracts, internet security considerations, web database design and implementation, and considerations for mobile access. Prerequisites: Business 311 and Computer Science 125.

- **Business 391** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Business 392** 3 units (crs.)

Technology Innovation

This course explores innovation of new technologies to provide students with an understanding of how technologies emerge and are adopted, how innovations works in practice, and why some technologies are more successful and are adopted faster than others, as well as the business implications for established companies and new entrants. This will also include discussion of the relative advantages and disadvantages of being an early adopter vs. a laggard in adopting new technologies. The course will also give students an opportunity to explore new and emerging technologies that may become important in the marketplace over the next few years. Prerequisites: Business 311.

- **Business 393** 3 units (crs.)

Total Quality Management

This course covers the philosophy, history, statistics, behavioral aspects, and organizational structure implications associated with Total Quality Management (TQM). Students will learn how to manage in a variety of organizations utilizing a TQM approach. Prerequisite: Economics 210.

- **Business 401** 3 units (crs.)

Auditing

Basic auditing concepts and developments and their application to the examination, evaluation, and reporting of financial data. Theoretical topics include: auditing standards, evidence, ethics, statistical sampling, computerized systems, legal responsibilities, reports and procedures.

Prerequisite: Business 302 with a grade of (C) or better. (Spring)

- **Business 403** 3 units (crs.)

Federal Income Taxation

This course is an introduction to the basic concepts of the federal income taxation. An overview of the sources and basic framework of federal income tax law is provided followed by concepts of filing status, exemptions, income recognition, exclusions, business and personal expenses, and credits. The basics of property transactions and cost recovery are also covered. Tax research will also be introduced. Prerequisite: Business 301 with a grade of C or better. (Fall)

- **Business 404** 3 units (crs.)

Advanced Federal Income Taxation

This course is continuation of Bus 403 Federal Income Taxation. Coverage includes taxation of regular corporations, subchapter-S corporations and partnerships. A brief introduction to international transactions will be provided as well as an introduction to the federal estate and gift taxes. Prerequisite: Business 403 with a grade of C or better. (Spring)

- **Business 405** 3 units (crs.)

Government and Not-For-Profit Accounting

Concepts of fund accounting, planning, budgeting and controlling the operations of governmental units and not-for-profit entities. Includes the study of internal control and operational audits. Prerequisite: Business 302 with grade of C or better. (Fall)

- **Business 407** 3 units (crs.)

Fraud Examination

This course offers a student an introduction to the definition of fraud and methods of detection and prevention. Prerequisite: Business 301 with a grade of C or better.

- **Business 408** 3 units (crs.)

Advanced Accounting

Advanced accounting theory and practice placing emphasis upon the recent areas of interest including business combinations and consolidation statements. Prerequisite: Business 302 with a grade of C or better.

- **Business 409** 3 units (crs.)

Topics in Accounting

Current accounting topics will be studied. Students are allowed to enroll in this course multiple times for credit, subject to a difference in topics among the multiple enrollments. Topics will reflect current relevant trends in accounting today. Prerequisites will be determined by the topics offered (see advisor).

- **Business 410** 3 units (crs.)

Software Design & Development

This course is a study of design and development of business applications using visual programming. Topics include software development using Visual Basic.Net at an intermediate level, data access and integration, object-oriented programming in VB.Net, software design in event-driven programming, and GUI design. Prerequisites: Business 314, Business 315 or Computer Science 361 (concurrent enrollment allowed), Computer Science 142 and Computer Science 221. A substitution may be granted for Computer Science 142 if a student has completed Computer Science 262 and demonstrates knowledge of introductory level VB Net to the MIS faculty.

- **Business 411** 3 units (crs.)

Project Management

This course develops student knowledge and skills in project management as defined by the Project Management Institutes (PMI) Project Management Body of Knowledge (PMBOK). In addition to discussion of project management principles, the course also provides the students with an environment in which they apply these project management skills. Prerequisite: Accepted in College of Business and completed four of six Business Essentials courses.

- **Business 412** 3 units (crs.)

Web-based System

This course is a focused study of Internet-based information systems and the technologies associated with those systems. Students will learn to develop and implement information system applications that are accessible over the Internet. Topics include HTML, Web-page design, ASP.Net Programming, XML, and setup and configuration of Web services such as Internet Information Server. Prerequisites: Business 315 or Computer Science 361 (concurrent enrollment allowed), and Computer Science 221.

- **Business 415** 3 units (crs.)

Enterprise Resource Planning Systems

An overview of the technical aspects of Enterprise Resource Planning Systems. Topics include analysis tools for business process reengineering, ERP project management tools and strategies, technical elements of ERP systems, and essentials of ERP programming languages. Prerequisite: Business 311.

- **Business 416** 3 units (crs.)

Information Systems Integration and Maintenance

This course examines the process of integrating and maintaining software systems. Students learn to create and maintain systems developed using COBOL and other legacy technologies. The process of integrating these systems with modern software environments is examined. Topics include elements of COBOL programming, diagramming and analysis techniques, and system architectures. Prerequisites: Business 315, Computer Science 221.

- **Business 417** 3 units (crs.)

Information Systems Strategy and Management

This course is the capstone course for the MIS major. The focus of the course is all aspects of management in the IS function including IS strategy, information resource management, IS service management, investment evaluation and personnel management. As a capstone, a major component is the analysis, design, and implementation of a real-world project using proper project management techniques. Prerequisites: Business 411 (Project Management), Admission to College of Business, Senior Standing (last semester of enrollment), Completion or concurrent enrollment in Business 442 (Business Cooperative Study) OR Business 492 (Internship Course) AND have submitted a graduation application.

- **Business 422** 3 units (crs.)

Business Law II

This course primarily involves an in-depth study of commercial paper (e.g. promissory notes and checks), agency law, general and limited partnerships, corporate law, secured transactions, bankruptcy and accountant's legal liability. Articles III, IV and IX of the Uniform Commercial Code are applied in this course. Secondly, this course covers some government regulation of business areas and international law. Prerequisite: Business 321. 422/622 (Spring)

- **Business 431** 3 units (crs.)

Financial Statement Analysis

A study of the financial theory and applications used in the day-to-day management of a business and its financial statements in a global environment. The course is focused on the analysis of financial statements, financial forecasting, and the decision-making process of managing growth. Prerequisite: Business 205, Business 389, Business 331 with a grade of "C" or better in each course.

- **Business 432** 3 units (crs.)

Security Analysis

The application of valuation models to global investment opportunities. Students are required to obtain, organize, and analyze internal and external data as it relates to the management of an investment portfolio. Prerequisite: Business 205 with a grade of "C" or better and Business 334.

- **Business 433** 3 units (crs.)

Advanced Financial Management

A study of the financial theory and applications used in business investment, financing, and dividend decision in a global environment. The course employs the case study pedagogy requiring students to analyze business situations and make business investment, financing, and dividend decisions using problem solving techniques and critical thinking. Prerequisite: Business 205 with a "C" or better and Business 333 and Business 334.

- **Business 435** 3 units (crs.)

Management of Financial Institutions

The application of the decision-making process of depository institutions such as commercial banks, thrifts, and credit unions in global financial markets. Key topics include analyzing bank performance, asset and liability management, managing interest rate risk, financial innovations, and the role of financial institutions in capital formation. Prerequisite: Business 205 and Business 331 with a grade of "C" or better in each course and Business 333. (Fall)

- **Business 437** 3 units (crs.)

Advanced Risk Management

Study of Risk recognition, risk control, and risk financing techniques used to achieve basic organizational goals such as profit maximization, earnings stability, and growth. Course reviews identifying and analyzing the loss exposures, developing alternative techniques for treating each exposure with emphasis on risk control, risk financing, and operations of insurance firms. Case studies are used to provide insight to the risk management process. Prerequisites: Business 327.

- **Business 438** 3 units (crs.)

Student-Managed Endowment Fund

Students manage numerous endowment fund portfolios. The seminar provides students the opportunity to evaluate a variety of financial assets and to implement an investment strategy to an actual institutional portfolio. As a team, students make investment decisions based on each fund's investment policy statement. Prerequisite: Application and consent of finance faculty. Course is repeatable.

- **Business 439** 1-3 units (crs.)

Seminar in Finance

A seminar on the application of the concepts and techniques of financial management to business organizations.

- **Business 441** 3 units (crs.)

Cases in Operations Management

A case approach to analyzing decision situations in operations management. Topics include problem definition, selection and application of quantitative decision methodology, and

communication of results for technical managerial analysis. Prerequisite: Senior standing, Business 342, and either Business 343 or 344.

- **Business 442** 1-3 units (crs.)

Business Cooperative Study

Off-campus, supervised full-time work experience in an approved position with an opportunity to merge actual day-to-day experience relating to your field of study within the College of Business. Prerequisites: Completion or concurrent enrollment in Business 384 (Professional Skills in Business) and either Admission to the College of Business or 2.0 GPA and completion of 44 credits including Business 198 (Intro to Business) and either Econ 204 (Principles of Macroeconomics) or Econ 206 (Principles of Microeconomics).

- **Business 445** 3 units (crs.)

Supply Chain Strategy

This course explores a variety of topics related to making decisions in the business world. A review of statistical methods to analyze "facts" presented to you will be explored. Negotiating methods with examples will be covered that can be applied in business or a personal situation. Game theoretic models will be used to analyze strategic decision making. Critical thinking skills will be developed by looking at how to analyze and structure arguments. Finally, cases will allow students to demonstrate a mastery of analysis, argumentation, and advanced thought processes. In addition, this course incorporates the triple bottom line (people, planet and profit). Prerequisite: Admission to the College of Business and Business 341 (Essentials of Operations Management) and Business 389 (Quantitative Business Analysis) (may take Business 389 concurrently).

- **Business 449** 3 units (crs.)

Supply Chain Management Topics

A study of selected current topics in supply chain management. Because topics may vary from term to term, students may enroll in this course twice for credit, subject to a difference in topics between the two enrollments and instructor approval. Topics may be selected from any of the following: sourcing, transportation, quality management, just-in-time/lean manufacturing, automation, simulation, forecasting, and other current issues. Prerequisite: Business 341 (Essentials of Operations Management).

- **Business 450** 3 units (crs.)

Environmental Management

This course introduces the natural environment and social responsibility as components of the business decision-making process in addition to the traditional economic focus. Topics include Triple Bottom Line supply chain management, energy, transparency, design, life cycle assessment, reverse logistics, facilities management, marketing and strategy. Cross-listed Business 450/Environmental Studies 450. Students may receive credit for only one of the two cross-listed courses.

- **Business 451** 3 units (crs.)

Business and Society

The identification and assessment of forces that have shaped the relationships between business and society. Moral and ethical questions are addressed. Prerequisite: Business 352.

- **Business 453** 3 units (crs.)

Managing Change

This course is designed to help students develop an understanding of how to both identify strategic changes that are desirable for an organization and how to implement those changes.

Students will develop a change management plan. Specific topics include: strategic planning, developing a change management plan, overcoming resistance to change, managing cultural change and helping organizations become more change friendly. Prerequisites: Admission to the College of Business, Senior Standing (last semester of enrollment), completion of or concurrent enrollment in Business 442 or Business 492, internship course, AND have submitted a graduation application.

- **Business 454** 3 units (crs.)

Managing the Family and Closely-Held Business

This course is designed to help students develop an understanding of how managing a FCHB is unique in terms of both the internal dynamics of a family held business and from multiple functional perspectives: strategy, marketing, human resources, finance, and accounting. Students will develop a plan for a specific FCHB. This course meets the capstone requirement in Business. Prerequisites: Admission to the College of Business, Senior Standing (last semester of enrollment), Completion or concurrent enrollment in Business 442 (Business Cooperative Study) OR Business 492, (Internship Course) AND have submitted a graduation application.

- **Business 455** 3 units (crs.)

Strategic Management

An integrative senior-level application of the theories of functional business areas to decision making and policy formulation in organization-wide situations. Prerequisites: Admission to College of Business, Senior Standing (last semester of enrollment), Completion or concurrent enrollment in Business 442 (Business Cooperative Study) OR Business 492, (Internship Course) AND have submitted a graduate application.

- **Business 456** 3 units (crs.)

Honors: Policy Seminar

A senior honors course which focuses on the impact of evolving economic and political changes on business decision-making. Ethical, moral, and social values will be identified and examined as an integral part of the decision making framework. Prerequisite: Senior standing.

- **Business 460** 3 units (crs.)

Advanced Quality Management

This course will teach students what quality is and the basics of normal distributions, sampling, six-sigma, Design of Experiments, and process control charts. Students will become familiar with using Excel to perform statistical analysis. In addition, this course incorporates the triple bottom line (people, planet and profit). Prerequisite: Business 341(Essentials of Operations Management) AND Business 389 (Quantitative Business Analysis) (may take Business 389 concurrently).

- **Business 462** 3 units (crs.)

Topics in Human Resources Management

Current human resources management practices are surveyed by integrating specific organizational activities in the geographic area with guided reading and classroom study. Advanced Human Resources Management students gain the opportunity to meet with professionals in a work setting. Prerequisite: At least two of Business 362, 363 or 364 and senior standing.

- **Business 463** 3 units (crs.)

Internet Marketing

This course overviews current Marketing Information System practices. Marketing Information System practices are rapidly changing, and the content of the course is expected to change periodically so that current practices receive the focus of discussion. Prerequisite: Business 371

- **Business 473** 3 units (crs.)

Marketing Strategy

This course focuses on development, implementation, and control of market-based strategies needed to attain and sustain an organization's competitive advantage for the objective of achieving long-run organizational goals. Instructional methods may include case studies, decision making simulations and development of a marketing plan. Prerequisite: Admission to College of Business, Business 371.

- **Business 474** 3-6 units (crs.)

Honors Thesis

Honors Thesis project will presume a significant project in the student's major field of study (e.g. a written project of consequence or software with important output). Proposals must show clear promise of honors level work and be sponsored by a faculty member in the student's major. These, in turn, should be submitted to the Undergraduate Student Programs Process Director, who has final authority for approval and final determination of units (crs.). Prerequisite: University Honors program and senior standing.

- **Business 475** 3 units (crs.)

Professional Purchasing Behavior

Professional purchasing behavior focuses on the organizational purchasing process in private and public institutions. The roles of the manager and buyer are emphasized within the context of external variables influencing supply, specification of organizational needs, selecting sources of supply, negotiating with sales people, post-purchasing vendor evaluations, planning process and relating to other functional areas. Prerequisite: Business 371 and Business 389.

- **Business 477** 3 units (crs.)

Business Growth and Development

This course is designed to satisfy the College of Business culminating experience requirement. Open to all College of Business students, the course is structured in a manner that will enhance each person's ability to understand business at a more holistic level. Students will gain insights about the many interdependencies that link the different functional areas of business together and will learn how to perform a comprehensive business/market analysis (with emphasis placed on identifying external opportunities and threats). This type of analysis is critical to strategic planning and requires some skill at correctly identifying and defining various issues, analyzing their nature, developing potential courses of action and then implementing "vest" practices/solutions.

Prerequisites: Admission to the College of Business, Senior Standing (last semester of enrollment), Completion of or enrollment in Business 492, Internship course, AND have submitted a graduate application. Completion of or concurrent enrollment in Business 442 or Business 492.

- **Business 480** 3 units (crs.)

Topics in International Business

This course will present a study of selected, current relevant international business topics. Students are allowed to enroll in this course twice for credit, subject to a difference in topics between the two enrollments. Topics will stress the opportunities and risks from organizations doing business internationally, how the international business practices differ from

domestic business practices, or how business is conducted internationally compared to domestic standards.

- **Business 485** 3 units (crs.)

Managing the Small Growing Business

The course examines the key strategic and operating concerns and approaches of owner/managers as they grow their business from new entrepreneurial ventures to strong, competitive businesses. Prerequisite: Minimum 6 units (crs.) of core business courses or consent of instructor. (Spring)

- **Business 486** 3 units (crs.)

Student Consulting Practicum

The student consulting practicum offers confidential business assistance to local companies. The program is specifically designed to 1) provide top College of Business students an opportunity to apply knowledge gained in the classroom and 2) provide area businesses with high quality solutions to current business problems. Prerequisites: 3.0 GPA and consent of instructor.

Admission to College of Business, Senior Standing (last semester of enrollment), Completion of or concurrent enrollment in Business 442 (Business Cooperative Study) OR Business 492 (Internship Course), AND have submitted a graduate application.

- **Business 490** 3 units (crs.)

Business Topics

Current business topics will be studied. Students are allowed to enroll in this course twice for credit, subject to a difference in topics between the two enrollments. Topics will reflect current relevant trends in business today. Prerequisites will be determined by the topics offered (see advisor).

- **Business 491** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Business 492** 0-3 units (crs.)

Business Administration Internship

A 'real world' practical experience intended to supplement the student's classroom education. This learning/work experience will enhance the student's perception of business administration principles learned in the classroom relative to actual pros and cons in an on-going organizational environment. This exposure will add to the student's professional and personal development. Prerequisite: Completion of or co-registration in Business 384 and either Admission to the College of Business or 2.5 GPA and completion of 44 credits including Business 198 and either Economics 204 or 206. Pass/Fail course.

- **Business 493** 3 units (crs.)

Small Business Counseling Seminar

A course which offers students hands-on experience with actual management problems of small businesses in Northeastern Wisconsin. Course participants work as members of student-led teams under the supervision of the seminar instructor. Prerequisite: Senior standing.

- **Business 494** 1-3 units (crs.)

International Business Study Tour

Requirements for study tours includes: (1) travel to various countries directed by business faculty members to provide students direct contact with economic and business issues in other societies. (2) reading background material; (3) attendance at classes; (4) participating in field lectures; (5)

writing a report and/or other assignments. For graduate credit, an additional research assignment, paper or project is also required. Course may be repeated for up to 6 total credits IF the student travels to different countries. Prerequisite: Consent of instructor (for undergraduate credit).

Admission to full standing in the MBA program and consent of instructor (for graduate credit).
494/694

- **Business 495** 3 units (crs.)

Designing Social Media Web Sites

In this course, students will study the principles underlying social media technologies.

Students will gain an understanding of how the various technologies (web sites, blogs, social networks, instant messaging, mobile technology, video, etc.) can be harnessed to create a rich and engaging user experience. The course will also teach students to create rich and dynamic web sites that are secured against data loss. Prerequisites: Computer Science 125 with a grade of C or better AND Computer Science 142 or Computer Science 221 with a grade of C or better.

College of Letters and Science

Information

John Koker, Dean
Office of the Dean: N/E 101
Telephone (920) 424-1210

Philosophy and Programs of the College

The College of Letters and Science is the liberal arts college at the University of Wisconsin Oshkosh. It is the largest and most varied academic unit in the University with more than 335 faculty offering courses in 37 different majors as well as in general education.

The philosophy of the College is that a liberal arts education transcends preparation for specific careers. A liberal arts education prepares students to be responsible citizens who understand and contribute to the changing world in which they live. It exposes students to a broad spectrum of knowledge about the human experience and the natural world, from contemporary science to literature, music and art. It enhances the skills of communication and critical thinking. It challenges students to appreciate their cultural heritage, to be sensitive to diverse traditions and opinions and to value truth. It encourages students to develop a lifelong commitment to inquiry. In sum, a liberal arts education develops the whole person who values knowledge for its own sake as well as for the achievement of narrower objectives.

The general education program of the University offered within the College consists of courses designed to provide the knowledge, insights, and skills common to all educated persons. These courses stress skills in critical thinking and communicating and introduce students to the humanities, fine and performing arts, natural sciences and social sciences. Normally, students complete the 42-unit (cr.) general education program during their first and second years.

Majors and minors offered in the College provide a broad range of choice for students. Majors are selected by students not only because they prepare students for careers, but also because they encourage students to be active, inquiring, adaptive and sensitive people throughout their lives. Students are challenged by a nationally recognized faculty committed to excellence in teaching, research and service.

In addition to their major, students also select the degree they wish to obtain. Students who select the Bachelor of Arts degree study a foreign language in addition to the general education program and the major. Students who select the Bachelor of Science degree take more courses in natural science and mathematics. Students majoring in Art, Music, or Social Work receive degrees specific to the major.

Degrees

The College of Letters and Science offers the following degrees: Bachelor of Arts (BA), Bachelor of Fine Arts (BFA), Bachelor of Music (BM), Bachelor of Science (BS), and Bachelor of Social Work (BSW). Requirements for other degrees are found in the descriptions of specific majors that follow.

ADDITIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS (BA)

Foreign Languages:

A minimum of 14 university-level units (crs.) of one foreign language must be completed by students without previous foreign language preparation. For students with a foreign language background, a portion of this requirement may be awarded through advanced placement. See the Department of Foreign Languages and Literatures for details.

Humanities:

At least 12 units (crs.) must be taken from the Humanities area. Of these units (crs.), at least one course must be taken from each of the following areas: 1) Art, Drama, Music; 2) Literature; and 3) Philosophy, Religious Studies.

Social Science:

12 credits required, including 3 credits of history, plus 9 additional credits from the Minimum University Requirement list for Social Science, with coursework coming from at least two departments/programs.

A Social Science course taken to satisfy Non-Western culture or Ethnic Studies requirements can also be counted toward the Social Science requirement.

Speech Communication:

Fundamentals of Speech Communications (Communication 111) or its equivalent must be completed. (See the Department of Communication.)

ADDITIONAL REQUIREMENTS FOR THE BACHELOR OF SCIENCE (BS)

Mathematics/Statistics/Computer Science:

- Math 104* or Math 108* or Math 204

*It is possible to meet this requirement via the UW System Mathematics Placement Exam.

- One course from the following in Mathematics/Statistics/Computer Science:
 - **Calculus:** Mathematics 171, 172, 175, 206
 - **Statistics:** Mathematics 201, 301, Economics 210, Geography 385, Psychology 203, 341, Sociology 281, Criminal Justice 281
 - **Computer Science:** Computer Science 221, 262

Each course listed has a Mathematics course as a prerequisite. Students must complete the prerequisite course with a grade of "C" or better prior to enrolling in any of the listed courses. In some cases the prerequisite can be met via the UW System Mathematics Placement Exam.

Humanities:

At least 12 units (crs.) must be taken from the Humanities area. At least one Literature course must be taken. At least one course must be taken from two of the following three areas; 1) Art, Drama, Music; 2) Philosophy or Religious Studies; and 3) Foreign Language.

Social Science:

12 credits required, including 3 credits of History, plus 9 additional credits from the Minimum University Requirement list for Social Science, with coursework coming from at least two departments/programs.

A Social Science course taken to satisfy Non-Western culture or Ethnic Studies requirements can also be counted toward the Social Science requirement.

Speech Communication:

Either Fundamentals of Speech Communication, Communication 111 or its equivalent (see the Department of Communication).

Natural Science:

Four courses are required:

- Two must be from laboratory science courses from one of the following departments: Biology/Microbiology, Chemistry, Geography, Geology, and Physics/Astronomy. The first course must be the prerequisite for the second.
- A third course must be a laboratory science course from a department other than the one offering the two courses above.
- The fourth course must be either: a) a course for which the third course is a prerequisite, OR b) a laboratory science course from a third department, OR c) a course from those listed under the B.S. Math Requirement (not used to fulfill the Math Requirement).

1. THE MAJOR(S)

- The College offers majors in the following subject areas:

- Anthropology
- Art
- Athletic Training
- Biology
- Chemistry
- Communication Studies
- Computer Science
- Criminal Justice
- Economics
- English
- Environmental Health
- Environmental Studies
- Fine Arts
- Foreign Languages:
 - French
 - Spanish
 - German
- Geography
- Geology
- History
- Individually Planned
- International Studies
- Journalism
- Kinesiology
- Mathematics
- Medical Technology
- Microbiology
- Music
- Philosophy
- Physics
- Political Science

- Psychology
- Radio/TV/Film
- Religious Studies
- Social Work
- Sociology
- Theatre
- Urban Planning
- Women's Studies

2. THE MINORS

- The College offers minors in the following subject areas:
 - African American Studies
 - Anthropology
 - Art
 - Biology
 - Canada and US Studies
 - Chemistry
 - Civic Engagement
 - Communication Studies
 - Computer Science
 - Criminal Justice
 - Economics
 - English
 - Environmental Studies
 - Foreign Language:
 - French
 - German
 - Spanish
 - Geography
 - Geology
 - History
 - International Studies:
 - African Studies
 - Asian Studies
 - European Studies
 - Latin American Studies
 - Japanese Language and Culture
 - Journalism
 - Mathematics
 - Microbiology
 - Military Science
 - Music
 - Music Industry
 - Neuroscience
 - Operations Research
 - Philosophy
 - Physics

- Political Science
- Psychology
- Public Administration
- Radio/TV/Film
- Religious Studies
- Social Justice
- Sociology
- Statistics
- Theatre
- Urban and Regional Studies
- Women's Studies
- **Most majors and minors also offer emphases. Refer to the appropriate departmental section of this bulletin for information and details on majors, minors and emphases.**

3. **PRE-PROFESSIONAL PROGRAMS**

- The College of Letters and Science offers one to four years of undergraduate preparatory courses to further education in professional schools.
- For further information regarding these programs, please refer to the section in this College's entry entitled "Pre-Professional Education".

4. **REPEAT POLICY**

- Courses taken in the College of Letters and Science at the University of Wisconsin Oshkosh for unit (cr.) may be repeated only once in accordance with the University Repeat Policy.
- When a course has been taken twice for unit (cr.) in the College of Letters and Science at the University of Wisconsin Oshkosh, a comparable transfer course cannot be substituted for the Oshkosh course for the purpose of meeting graduation requirements in the College of Letters and Science.

5. **APPEAL PROCESS**

- A student can request exceptions to academic policies by contacting an academic advisor for the College of Letters and Science. Appeals must be made to the Dean's Office. On academic matters, the decision from the Dean's Office is final.
- Examples of academic policies are: deadline to add a course; deadline to drop a course; deadline to withdraw from all courses; number of times a course can be repeated; maximum number of units (crs.) enrolled per term; degree requirements; and general education requirements.

Canada & U.S. Studies

Information

William Baurecht, Coordinator of Canada-U.S. Studies
Department Office: Office of International Education: Dempsey 146
Telephone: 920-424-0775
Code 94 or INTRDSCP

Faculty

- Baurecht

Degrees

- **Undergraduate:** None. In combination with a major, Canada-U.S. Studies minor can lead to a baccalaureate degree.
- **Graduate:** None.

Summary of Fields of Study

1. **GOAL(S)**
 - Canada-U.S. Studies is directed toward providing undergraduate students with a quality education that includes awareness of the importance of connections between our local community and the rest of the world.
2. **THE MAJOR(S)**
 - None.
3. **THE MINOR(S)**
 - The program offers one minor(s): Canada-U.S. Studies

Admission/Graduation Requirements

- To graduate with a Canada-U.S. Studies minor, students must meet all requirements for the degree being sought, in addition to earning a minimum grade point average of 2.00 in all courses applied to their Canada-U.S. Studies minor. Refer to the following for complete requirements.

Required Core Courses

- See Minor section.

The Major(s), with Emphasis and/or Options

- None

The Minor(s)

Required Units (crs.): 24 minimum

- **Required Courses:**
 - One semester in residence, enrolled full time in courses at the University of New Brunswick
 - Interdisciplinary Studies 245 or 246
 - UNB-XXX: Canada-U.S. Studies Seminar
- **Comment:**

This minor will require one semester of full-time study at the University of New Brunswick that will include UNB-XXX. Students from both schools who enroll in this joint minor will be required to take two semesters of a core Canada-U.S. Studies course that will be offered in alternate semesters by each institution, and will thus include both Canadian and U.S. students at each school each year. This core course will include a full range of cultural activities that both “home” and “visiting” students will participate in, increasing the sense of community among our minors at both institutions. One faculty member at each institution will coordinate the course; several other faculty members will present guest lectures, possibly including people from both institutions via distance education technologies. We will encourage home visits among the students as well, reciprocated at both sites.
- **Electives:** A total of 18 credit hours are required, at least 9 at the upper division, including: 9 hours in courses focusing on U.S. culture and 9 hours in courses focusing on Canadian culture.
- **Comment:**

Any comparative Canada-U.S. course (other than the core courses) may be included in either division of the minor, but a student may not “count” the same course in both divisions. All minors must include at least one course from the Social Sciences and at least one course from the Arts and Humanities. At least one elective course must be completed at the other institution. Students may include in this minor courses used to fulfill general education requirements as well as courses in their major.

Courses not on the list below, but containing appropriate content, may be included in a student’s minor program using a curriculum modification form.

UW Oshkosh Courses: U.S. Focus

- **Humanities:**
 - **Art:** 231, 322, 323

- **Communication:** 101, 118, 241, 347, 349, 340, 360, 422
- **English:** 213, 214, 219, 220, 226, 319, 334, 370, 371, 372, 373, 374, 375, 377, 378, 379, 380
- **Interdisciplinary Studies:** 245
- **Journalism:** 141, 312, 341, 371
- **Music:** 215, 218
- **Philosophy:** 205, 331/531
- **Religious Studies:** 104, 285, 328, 329, 333, 334
- **Women's Studies:** 347, 371
- **Social Science and Science:**
 - **Anthropology:** 123, 312, 324, 354
 - **Criminal Justice:** 103, 270, 288, 333
 - **Economics:** 307, 363
 - **Geography:** 313, 314, 316, 324, 325, 329, 422
 - **Geology:** 360
 - **History:** 201, 202, 341, 342, 358, 361, 364, 365, 366, 367, 368, 369, 385, 386, 390, 391, 392, 393, 394, 395, 397, 398
 - **Interdisciplinary Studies:** 132, 205, 235, 246
 - **International Studies:** 302
 - **Public Affairs:** 363/563
 - **Political Science:** 105, 225, 302, 303, 304, 305, 306, 317, 321, 324, 325, 330, 365, 380, 392, 394
 - **Sociology:** 151, 359
 - **Urban Studies:** 131, 300
 - **Women's Studies:** 225, 302, 303, 307, 330, 357, 386

UW Oshkosh Courses: Canada Focus

- **Humanities:**
 - **French:** 406
- **Social Science:**
 - **Geography:** 317

University of New Brunswick (UNB) Courses: Canada Focus

- **Humanities:**
 - **ABRG:** 3684, 3685, 3686, 3688, 4682, 4685
 - **ANTH/LING:** 3411
 - **ENGL:** 3006, 3610, 3640, 3966
 - **FR:** 1704, 3654, 3832, 3864, 3884, 3894, 4414
 - **HIST:** 3736
- **Social Science:**
 - **ANTH:** 3204, 3311, 3624, 3664, 3674, 3714, 4304
 - **ECON:** 2905, 3515, 3525, 4334, 4775
 - **HIST:** 1300, 1305, 1315, 2325, 2835, 3301, 3316, 3321, 3322, 3331, 3332, 3351, 3352, 3371, 3373, 4311, 4312, 4313, 4321, 4322, 4331, 4341, 4342, 4351, 4352, 4806
 - **POLS:** 2200, 3201, 3202, 3211, 3212, 3221, 3231, 3232, 3241, 3242, 3251, 3253, 3260, 3261, 3271, 3272, 3281, 3282, 3291, 3292, 3311, 3416

- **SOCI:** 2403, 2703, 3423, 4336, 4355

University of New Brunswick (UNB) Courses: U.S. Focus

- **Humanities:**
 - **ENGL:** 2703, 3703, 3704, 3743, 3744
 - **HIST:** 3726
 - **PHIL:** 3726
- **Social Science:**
 - **HIST:** 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3411, 4451, 4461
 - **POLS:** 3101, 3102, 3494

Course Offerings

- See Individual Departments.

Chemistry

Information

J. Mihalick, W. Wacholtz, Co-Chairpersons
Department Office: Halsey Science 432
Department Telephone: 920-424-1400
Code 32 or CHEM

Faculty

- Crawford, David, Gibson, Gutow, Haffa, Hauer, Kedrowski, Mihalick, Paulson, Schuttlefeld, Tang, Wacholtz, Xie

Degrees

- **Undergraduate:** A major in Chemistry can lead to the degree: Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** The Department does not offer a graduate program.

Summary of Fields of Study

1. **GOAL(S)**
 - Upon completion of a Chemistry major, students will be 1) knowledgeable about the factual and theoretical basis of chemistry, 2) competent to work in a laboratory situation, 3) familiar with the use and applications of modern instrumentation and computers, 4) able to communicate effectively, 5) access and retrieve specific chemical information from the chemical literature, 6) able to anticipate, recognize, and respond properly to hazards of chemicals, 7) work cooperatively with others in problem solving situations, and 8) identify the benefits and problems of modern chemistry for society.
2. **THE MAJOR(S)**
 - The Department offers a choice of three emphases within the Chemistry Major. These are: 1) Professional, 2) Secondary Education, 3) Biomolecular Science.
 - Within the Professional emphasis, there are two options: 1) Chemistry, and 2) Biochemistry.
3. **THE MINOR(S)**
 - The Department offers 1 minor: 1) Chemistry.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Chemistry major or minor.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **Chemistry**
 - Chemistry 105 General Chemistry I 5 cr.
 - Chemistry 106 General Chemistry II 5 cr.
 - Chemistry 221 Modern Analytical Chemistry 4 cr.
 - Chemistry 235 Organic Chemistry I 4 cr.
 - Chemistry 335 Organic Chemistry II 4 cr.
 - Chemistry 370 Physical Chemistry I 4cr.
 - Chemistry 371 Physical Chemistry II 4 cr.
 - Chemistry 490 Seminar 0.5 cr. (for two semesters for a total of 1.0 credits)
- **Math**
 - Mathematics 171 Calculus I or Mathematics 175 Honors: Calculus 4 cr.
 - Mathematics 172 Calculus II 4 cr.
 - Mathematics 273 Calculus III 4 cr.
- **Physics**
 - Physics 109 and 110.
- **Comment:**

The 22 units (crs.) of Math and Physics courses in the core are not counted as part of the required minimum units (crs.) for any of the emphases/options.

All senior Chemistry majors are to enroll for two semesters of seminar (Chemistry 490). Honors Thesis (Chemistry 474) can be used to replace the Chemistry Seminar (Chemistry 490) requirement providing that, a) the topic of Honors Thesis is in the field of chemistry, b) the student attends Chemistry Seminar for two semesters, and c) the student presents his/her oral Thesis Seminar in the Chemistry Seminar program.

The Major(s), with Emphasis and/or Options

CHEMISTRY MAJOR

- **Professional Emphasis**

The Professional Emphasis leads to a BS degree in Chemistry, which meets the requirements of the American Chemical Society for professional training.

 - **Chemistry Option**

- **Required Units (crs.):** 44 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Chemistry:** Chemistry 303, 421, 470
 - **Chemistry:** 3 units (crs.) from Chemistry 323, 360, 435, 446*, 452, 474, 495*. Chemistry 446, 474 and 495 may in combination count for up to 3 credits towards the 3-credit requirement.
 - *A formal report is required.
- **Biochemistry Option:**
 - **Required Units (crs.):** 46 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Chemistry:** Chemistry 303, 304, 315, 421, 470.
- For both the Chemistry and Biochemistry Options: Students are strongly encouraged to take advantage of the opportunity to enroll in the following individualized research/internship courses: Chemistry 246, 446, 474, 495.
- For Biochemistry Option: Three semester hours of biology beyond the introductory level, which contains cell biology, microbiology, or genetics.
- **Comment:**
Independent Study (Chemistry 446), Honors Thesis (Chemistry 474), and/or Chemistry Research Internship (Chemistry 495) may be counted towards graduation requirements, with a unit (cr.) maximum of 12 for Chemistry 446, 6 for Chemistry 246, 6 for Chemistry 474, and 6 for Chemistry 495.

- **Secondary Education Emphasis**

Recommended for students who plan to enter the Secondary Education Program in preparation for teaching high school Chemistry.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** Core Courses
- **Electives:** Sufficient to meet the Minimum Requirement including these studies:
 - **Chemistry:** 5 units (crs.) of Chemistry courses at the 300 level or above (excluding Chemistry 495).

- **Biomolecular Science Emphasis**

Recommended for students who are interested in interdisciplinary training and a career or postgraduate work in biotechnology related fields.

- **Required Units (crs.):** 70-73
- **Required Courses:**
 - **Biology:** Biology 105, 323, 343.
 - **One Advanced Molecular/Cellular Biology Course with Lecture and Lab:** Biology 319, 345, 450.
 - **One Advanced Molecular/Cellular Biology Lecture Course:** Biology 315, 316, 341, 372, 389.
 - **One Advanced Molecular/Cellular Biology Laboratory Course:** Biology 350, 374, 377, 390.
 - **Chemistry:** Chemistry 105, 106, 235, 303, 304, 315, 221 or 320, 335, 365, 490.
 - **Mathematics:** Mathematics 171
 - **Physics:** Physics 107 and 108, or Physics 109 and 110

- **Statistics:** One course from: Math 201, 301 or Psychology 203.
- **Upper Level Electives:** 5 units (crs.)
Choose from any of the following not taken as part of the core curriculum above:
 - **Biology:** Biology 306, 309, 315, 316, 319, 338, 341, 345, 350, 372, 374, 375, 389, 390, 450.
 - **Chemistry:** Chemistry 323.
 - **Psychology:** Psychology 367, 383.

Up to 3 of the 5 units (crs.) can be from the following:

- **Biology:** Biology 300, 301, 446, 456, 474.
- **Chemistry:** Chemistry 360, 446, 456, 474, 495.

The Minor(s)

1. CHEMISTRY MINOR

- **Required Units (crs.):** 22 minimum
- **Required Courses:**
 - **Chemistry:** Chemistry 105, 106, 221, 235, 335
 - For those students graduating with a Medical Technology major, Chemistry 303, 304 and 320 may be substituted for Chemistry 221.
- **Electives:** None

Course Offerings

- **Chemistry 101** 4 units (crs.)
General, Organic and Biochemistry I (NS)

This is the first semester of the 1-year chemistry 101/102 course sequence, which is specifically designed to meet the needs of nursing students. This sequence does not satisfy the prerequisites for higher-level chemistry course. Topics covered include: matter, energy, atomic structure, chemical reactions, chemical bonding, solutions, chemical equilibrium, and organic nomenclature. Prerequisites: A declared pre-nursing major, and Mathematics 103 with a grade of C or better, or qualifying for Mathematics 104 and higher via the Mathematics Placement Exam. (3+2) (Fall-Spring)

- **Chemistry 102** 4 units (crs.)
General, Organic and Biochemistry II (NS)

This is the second semester of the 1-year Chemistry 101/102 course sequence. Topics covered include: the organic chemistry topics of alcohols, aldehydes, ketones, amines, and the biochemistry topics of carbohydrates, lipids, proteins, nucleic acids, enzymes, and metabolism. Prerequisite: Chemistry 101 with a grade of C or better and Mathematics 103 with a grade of C or better, or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam. (3+2) (Fall-Spring)

- **Chemistry 103** 4 units (crs.)

Introduction to Environmental Chemistry (NS)

This laboratory course will cover the chemistry of environmental topics such as: air pollution, ozone depletion, water pollution, acid rain, waste disposal and energy production. Occasionally tangentially related topics such as drug design and nutrition may be discussed. This course may be combined with Chemistry 104, to form a two semester sequence for the Bachelor of Science degree. NOTE: Chemistry 103 is not a prerequisite for higher level chemistry courses.

- **Chemistry 104** 4 units (crs.)

Introduction to the Chemistry of Materials (NS)

This laboratory course will teach the chemistry behind materials that society depends on: metals, ceramics, and polymers. Historic and economic impacts of their manufacture and use will be considered. Applications of advanced materials in fields such as electronics, aviation or art will be discussed. This course may be combined with Chemistry 103 to form a two-semester sequence for the Bachelor of Science degree. Note: Chemistry 104 is not a prerequisite for higher level chemistry courses.

- **Chemistry 105** 5 units (crs.)

General Chemistry I (NS)

This is the first semester of the 1-year Chemistry 105/106 course sequence, which is specifically designed to meet the needs of science majors and preprofessional students. Topics covered include: atomic theory, atomic and electronic structure, chemical bonding, mole concept, stoichiometry, state of matter, formulas and equations, solutions and colloids. Prerequisites: Credit for or concurrent enrollment in Math 104, or completion/placement of any higher math course. Recommended: A previous course in High School or College Chemistry. (4+2) (Fall-Spring)

- **Chemistry 106** 1-5 units (crs.)

General Chemistry II (NS)

This is the second semester of the 1-year Chemistry 105/106 course sequence, which is specifically designed to meet the needs of science majors and preprofessional students. Topics covered in Chemistry 106 include: molecular structure, chemistry of metals and selected nonmetals, intermolecular forces, chemical equilibrium. Prerequisite: Chemistry 105 with a grade of (C) or better and either completion of Math 104 with a grade of C or better, completion/placement of any higher math course. (4+3) (Fall-Spring)

- **Chemistry 221** 1-4 units (crs.)

Modern Analytical Chemistry (NS)

Emphasis on ionic solution equilibria as applied to analytical chemistry. Specifically, statistical analysis of data, theoretical principles of solubility, acid-base, redox and complex equilibria discussed stressing calculations involving system constants and species concentrations. Laboratory techniques to include gravimetric, volumetric, potentiometric and spectrophotometric methods with stress on quantitative determinations of inorganic and organic species and system constants. Prerequisite: Chemistry 106 with a grade of C or better. (3 + 3)

- **Chemistry 235** 4 units (crs.)

Organic Chemistry I (NS)

Major topics include nomenclature, reactions and mechanisms of aliphatic and aromatic hydrocarbons and their halogen derivatives; aromaticity; qualitative molecular orbital approach to bonding and structure; and stereochemistry. Techniques; methods for separation, purification,

and identification of organic compounds; and syntheses are included in the laboratory work. Prerequisite: Chemistry 106 with a grade of C or better. (3+3) (Fall-Spring)

- **Chemistry 246** 1-3 units (crs.)

Introduction to Chemistry Research (NS)

Supervised research in chemistry. Prerequisite: One term of chemistry numbered 105 or higher and consent of instructor. This is a repeatable course for up to six units (crs.)

- **Chemistry 303** 3 units (crs.)

Biochemistry: Clinical Emphases

This course is specifically designed to meet the needs of the Medical Technology students as well as Chemistry majors who choose to follow the Department's Biochemistry Emphasis. Topics include: Amino acids, proteins, nucleic acids, bioenergetics, carbohydrates, lipids, hormones, vitamins, electrolytes, and xenobiotics. Clinical correlations will be presented which emphasize: biochemistry, pathophysiology, and quantification of body fluid constituents. Prerequisite: Chemistry 335. (Fall/Spring)

- **Chemistry 304** 1 unit (cr.)

Biochemistry Laboratory (NS)

This course is specifically designed to meet the needs of students needing practical experience in the biochemistry laboratory. This laboratory is required for Medical Technology majors and is recommended for those in other clinically-oriented programs (e.g., premed., prevet.) and for Chemistry majors choosing to follow the Department's Biochemistry emphasis. Techniques include aspects of spectrophotometry, electrophoresis, chromatography, immunoassays, and fluorescence. A significant amount of writing is expected. Prerequisite: Completion of or concurrent enrollment in Chemistry 303.

- **Chemistry 310** 3 units (crs.)

Chemistry Workshop for K-12 Teachers

This course is intended to be a workshop in Chemistry for K-12. The focus will be on activities to improve the effectiveness of the classroom teacher. The course does not apply to any graduate degree program at the University of Wisconsin Oshkosh. 310/510

- **Chemistry 315** 3 units (crs.)

Advanced Biochemistry

This course is specifically designed for students needing an advanced course in Biochemistry, including Chemistry majors who choose to follow the Department's Biochemistry or biomolecular Sciences Emphasis. It will build on the topics of thermodynamics, biomolecules (proteins, nucleic acids, lipids, carbohydrates), enzymes mechanisms and biochemical pathways laid down in Chemistry 303, but with an emphasis on research design and discovery. Topics include: bioenergetics, signal transduction, DNA metabolism, RNA metabolism, polypeptide metabolism, and regulation. Prerequisite: Chemistry 303, with a grade of C or better. (Spring)

- **Chemistry 320** 3 units (crs.)

Introduction to Instrumental Analysis (NS)

This course introduces a number of modern instrumental techniques that are commonly employed in modern chemical laboratories including absorption spectroscopy, emission spectroscopy, and chromatography. It is designed to meet the needs of Medical Technology majors and Biomolecular Science students. Prerequisites: Chemistry 335 and major in Medical Technology, or Chemistry with Biomolecular Science Emphasis. Credit may not be obtained in both Chemistry 320 and Chemistry 421. (Spring)

- **Chemistry 323** 3 units (crs.)

Analytical Separations (NS)

The principles and theoretical foundations, experimental variables, and applications of solvent extraction and the primary chromatographic techniques, including: column, liquid-liquid, ion exchange, thin-layer, gas-liquid and other recent modern chromatographic methods. The laboratory will involve applications of the above to demonstrate the utility of the methods. To count as an elective towards the professional Chemistry major, credit or concurrent enrollment in Chemistry 370 and a special project are required. Prerequisite: Chemistry 221 and Chemistry 335. 323/523 (2+3)

- **Chemistry 330** 1 unit (cr.)

Scientific Glassblowing

Fundamental principles of scientific glassblowing. Practice in the basic techniques and the development of skill in the art of glassblowing. Introduction to the use of the glass lathe and the design of complex equipment. Prerequisite: Minimum two years of chemistry and consent of instructor. (0+3)

- **Chemistry 335** 1-4 units (crs.)

Organic Chemistry II (NS)

A continuation of Chemistry 235 which includes a discussion of alcohols, phenols, ethers, carbonyl containing compounds, amines, anilines, carbohydrates and proteins. Particular emphasis is placed on the mechanistic and theoretical aspects of the various topics covered. Infrared, nuclear magnetic resonance, and mass spectrometers are discussed in a qualitative manner. Laboratory includes advanced synthesis work and introductory, qualitative organic analysis emphasizing modern spectral techniques. Prerequisite: Chemistry 235 with a grade of C or better. 335/535 (3+3) (Fall-Spring)

- **Chemistry 336** 1 unit (cr.)

Advanced Organic Laboratory (NS)

A continuation of the laboratory in Chemistry 335, which includes qualitative organic analysis, advanced synthesis and/or independent special projects. Prerequisite: Chemistry 335 with a grade of C or better. 336/536 (0+3)

- **Chemistry 360** 1-3 units (crs.)

Special Topics

A chemistry course on a topic not covered in the department's curriculum. This course may be repeated with different content. Each time it is offered, the topic will be announced in the class schedule. Graduate students will be required to do an extra project or paper. Prerequisite:

Consent of instructor. 360/560

- **Chemistry 365** 3 units (crs.)

Biophysical Chemistry

This course focuses on Thermodynamics, kinetics, chemical equilibria and spectroscopy as they pertain to biological molecules, macromolecules and cells. Prerequisite: Chemistry 303, Math 171 and either Physics 108 or 110. (Fall)

- **Chemistry 370** 4 units (crs.)

Physical Chemistry I (NS)

Fundamental principles of physical chemistry. Lecture topics include ideal and real gases, kinetic theory, thermodynamics, equilibria, properties of solutions, surface and colloid chemistry.

Laboratory includes experiments that are designed to illustrate the lecture material. Prerequisites: Mathematics 273 (may be taken concurrently), Chemistry 235, and Physics 110. 370/570 (3+3)

- **Chemistry 371** 4 units (crs.)

Physical Chemistry II (NS)

A continuation of Chemistry 370. Lecture topics include quantum chemistry, atomic and molecular spectra, and chemical kinetics. Laboratory includes experiments that are designed to illustrate the lecture material. Prerequisites: Mathematics 273, Chemistry 221, and Chemistry 370. 371/571 (3+3)

- **Chemistry 421** 3 units (crs.)

Instrumental Analysis (NS)

Theory and application of instrumentation to chemical analysis. Topics covered include electronics, classical spectroscopic methods, and electrochemical techniques. Laboratory to stress instrumental determination of physical constants, methods comparison and quantitative determination of system species using the above. Prerequisites: Chemistry 221 and Chemistry 370. Credit may not be obtained in both Chemistry 320 and 421/621. (2+3). (Fall)

- **Chemistry 435** 3 units (crs.)

Interpretive Spectroscopy (NS)

The application of spectral methods to the characterization of the structure of inorganic and organic compounds will be presented. Specific topics will include infrared, Raman, ultraviolet and nuclear magnetic resonance spectrometers and mass spectrometry. The laboratory will involve the use of these techniques to identify the structure of unknown samples. Prerequisite: Chemistry 335/535 or consent of instructor and completion of or concurrent enrollment in Chemistry 370. 435/635 (2+3)

- **Chemistry 446** 1-3 units (crs.)

Independent Study (NS)

Supervised research in chemistry. See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. (0+3 to 9) (Fall-Spring)

- **Chemistry 452** 3 units (crs.)

Polymer Science (NS)

An introduction to the study of the chemistry of macromolecules including: polymerization reactions and kinetics, physical and chemical characterization methods, and the relationship between chemical and mechanical properties. Prerequisite: Chemistry 370. 452/652 (2+3)

- **Chemistry 456** 1-3 units (crs.)

Related Readings

Supervised readings in Chemistry. See Related Readings under Course and Academic Advisement Policies Information for general course description, general prerequisites, and proper contract form requirements. (0+3 to 9) (Fall-Spring)

- **Chemistry 470** 4 units (crs.)

Advanced Inorganic Chemistry (NS)

An advanced course that focuses on important topics from inorganic chemistry. Topics include: coordination chemistry, bonding models, application of spectroscopy, and other topics of current interest. Laboratory includes experiments that are designed to illustrate the lecture material. Prerequisites: Chemistry 335 and 371, or consent of the instructor 471/671 (3+3).

- **Chemistry 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Preparation of a formal seminar paper based on research, an industrial internship, and/or a thorough review of a specific area from the chemical literature, followed by an oral seminar based on this paper. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

- **Chemistry 490** 0.5-0.5 units (crs.)

Chemistry Seminar

Oral presentation of scientific papers, research, or selected topics which require a thorough study and use of the chemical literature. Prerequisite: Chemistry major with junior standing. (0.5+ 0.5) (Fall-Spring)

- **Chemistry 495** 1-6 units (crs.)

Chemistry Research Internship

An off-campus research experience in an industrial/ academic/governmental laboratory under the joint supervision of the department and participating agency. Prerequisite: Application and admission into the program six months prior to the commencement of the internship. Normally, course work through Chemistry 371 must be completed prior to the internship. (0+3 to 18) (Summer, if available)

Communication

Information

Kay Neal, Chairperson
Department Office: Arts & Communication S123
Department Telephone: 920-424-4427
Code 96 or COMM

Faculty

- Brazee, Carrell, Considine, Davidson, Gemin, Heider, Heil, Murphy, Neal, Palmeri, Perkins, Roubidoux, Smock, Stokes.

Degrees

- **Undergraduate:** A major in Communication Studies can lead to the degrees: Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education. A major in Radio-TV-Film can lead to the Bachelor of Science; Bachelor of Arts.
- **Comment:** The Communication Department affords a varied program in debate, and radio-television-film. A broad range of programmed participation opportunities are available to both majors and non-majors in these areas, and students are encouraged to become involved with the areas of their choice. Students may elect to satisfy up to eight participation/workshop credits as a major and four credits as a non-major toward graduation requirements through these programs. Students interested in Radio-TV-Film experience can call the Radio-TV-Film office at 920-424-3131; students interested in debate may call 920-424-7048.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers 2 majors. These are: 1) Communication Studies; 2) Radio-TV-Film.
 - Within the Communication Studies Major, the Department offers one emphasis: 1) Speech Communication Education and three content focus areas: 1) Interpersonal Communication; 2) Organizational Communication; 3) Rhetoric and Public Advocacy.

3. THE MINOR(S)

- The Communication Department offers several minors: 1) Organizational Communication; 2) Communication Studies; 3) Speech Communication Education; 4) Radio-TV-Film.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum cumulative grade point average of a 2.50 for Radio-TV-Film majors.
- Those students seeking Wisconsin teacher licensure must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.
- The following admission requirements are in effect:
 - **Radio-TV-Film:** The gateway courses in Radio-TV-Film are Communication 151 and Communication 201. Upper level RTF courses have a prerequisite of a 2.5 grade point average.
(RTF major currently under revision. Please check RTF web site).

Required Core Courses

- **Communication:**
 - Communication 111 Fundamentals of Speech Communication 3 cr.
- **Comment:**

Please consult with a department advisor before planning a course of study. Communication Studies majors and Radio-TV-Film majors may elect to satisfy up to 8 units (crs.), and non-Communication Studies majors and non-Radio-TV-Film majors up to 4 units (crs.), toward graduation requirements through programmed participation in selected Communication activities. Students desiring participation unit (cr.) should develop a program of study in consultation with their advisor.
- **Course Offerings:**
 - **Radio-TV-Film Courses:** Communication 091, 092, 093, 094, 095, 096, 097, 098, 101, 151, 201, 229, 231, 234, 240, 241, 242, 300, 301, 305, 306, 307, 310, 312, 313, 320, 321, 327, 329, 333, 334, 336, 343, 344, 347, 348, 349, 359, 400, 420, 421, 425, 426, 429, 433, 434, 435, 437, 438, 446, 474.
 - **Communication Studies Courses:** Communication 111, 112, 118, 212, 214, 215, 220, 236, 265, 267, 268, 275, 277, 280, 300, 303, 304, 316, 318, 319, 325, 326, 337, 338, 368, 400, 411, 422, 427, 428, 436, 439, 442, 443, 450, 451, 499; Interdisciplinary 399.
 - **Speech Communication Education Courses:** Communication 441, 444, 447.
 - **Independent Study Courses:** Communication 446, 474.

The Major(s), with Emphasis and/or Options

1. COMMUNICATION STUDIES MAJOR

Recommended for students who wish to prepare for professions in the various areas of communication who wish to pursue graduate study.

- **Required Courses:**
 - **Communication:** Communication 104, 214, 219, 280, 302, 368, 375, 439, 498
- **Other Requirements:**
 - In addition to the required courses, students must satisfy the requirements of one of the four options: Interpersonal Communication, Organizational Communication, Rhetoric and Public Advocacy, Communication Generalist.
 - At least nine elective credits must be at the 300/400 level.
 - Only Communication 303 or 304 can count towards the 38 credit major.
 - Students may choose to take one 3-credit course from the following RTF electives: Communication 329, 347, 348, 433 that will count towards the Communication Studies major. These courses do not count toward the nine credits of upper level electives required in Communication Studies, but can be used to complete the 15 credits of electives.
 - No more than two of the following elective courses can count toward the Communication Studies major: Communication 215, 220, 265, 319, 347, 348, 399, 405, 433, 441, 442, 444, 447.

Students may choose to pursue study in one of the three Communication Focus Areas (CFA) or they may pursue studies in a Communication Generalist Area.

Communication Focus Area Study:

- Students are required to earn 9 credits in the chosen CFA in addition to the introductory course in that area plus 2 electives from any area.
 - **Interpersonal Communication Focus Area:**
 - Communication 267, 318, 325, 326, 478
 - **Organizational Communication Focus Area:**
 - Communication 304, 413, 414, 477
 - **Rhetoric and Public Advocacy Focus Area:**
 - Communication 277, 303, 316, 337, 338, 411, 422, 427, 428, 450, 451, 455, 476, 499

Speech Communication Education Emphasis

Recommended for students who wish to be licensed to teach Speech Communication in grades 6-12.

- **Required Units (crs.):** 38 minimum
- **Required Courses:** In addition to the Core Course:
 - **Communication:** Communication 118, 214, 215, 265, 267, 277, 303, 319, 337, 411, 444; 6 units (crs.) of electives in communication.

- **Other Requirements:** For Secondary Education Majors and Minors: Communication 441.
- **Electives:** Sufficient courses from the Department's offering to meet the Minimum Requirement.

2. **RADIO-TV-FILM MAJOR**

Recommended for students who wish to prepare for a career in the various facets of the Radio-TV-Film profession or for students who wish to pursue graduate study.

(Major currently under revision. Please check department web site)

- **Required Units (crs.):** 36 minimum (minimum GPA 2.5)
- **Required Courses:**
 - **Communication:** Communication 151, 201, 234.
 - **At least one course from the following Radio-TV-Film History courses:** Communication 241, 242.
 - **At least one course from the following theory/criticism courses:** Communication 312, 336, 347, 348, 425.
- **At least three of the following production workshop courses:** Communication 307, 320, 333, 334.
- **Other Requirements:** 18 additional units (crs.) of Radio-TV-Film electives to meet minimum requirement. Successful completion of a minor or second major.
- **2.5 cumulative GPA** for graduation.

The Minor(s)

1. **ORGANIZATIONAL COMMUNICATION MINOR**

Recommended for students who are interested in business, service or governmental professions where organizational communication is essential and also as a cognate for a number of Communication related fields.

(Minor currently under revision. Please check department web site)

- **Required Units (crs.):** 24 minimum
- **Required Gateway Courses:** Communication 118 and 236
- **Required courses:** In addition to the Gateway Courses:
 - **Communication:** Communication 215, 220, 304, 319, 443
 - **One elective from the following:** Communication 214, 267, 318, 326 and Interdisciplinary 399

2. **COMMUNICATION STUDIES MINOR**

Recommended for students who seeking a general minor in Communication Studies and who are interested in pursuing work in business, the service or government sector, and professions including broadcasting where communication is a significant part of the requirements for the field.

- **Required Units (crs.):** 23 minimum
- **Required Courses:** Communication 104, 214, 219, 280, 302, 375, 439.
- **Electives:** 6 credits from any of the 300/400 level Communication Studies courses. Only Communication 303 or 304 can count towards the minor.

3. **SPEECH COMMUNICATION EDUCATION MINOR**

Recommended for students who wish to teach in the secondary (6-12) or elementary grades and/or coach debate and/or forensics in the schools. (Would be taken in addition to a major licensure area such as English or Elementary Education).

- **Required Units (crs.):** 26 minimum
- **Required Courses:** Communication: 118, 214, 215, 265, 277, 303, 337, 411, 444.
Other Requirements: Methods Course Communication 441 required of all Secondary Education Majors and Minors in Speech.
- **Electives:** None.

4. **RADIO-TV-FILM MINOR**

Recommended for students who wish to work in fields related to Radio-TV-Film, such as Art, Business, Communication, English, Music, Journalism.

(Minor currently under revision. Please check department web site)

- **Required Units (crs.):** 22 minimum
- **Required Courses:**
 - **Communication:** Communication 151, 201, 234; Communication 241 or 242.
- **Electives:** Sufficient units (crs.) from Radio-TV-Film offerings to meet the Minimum Requirement. At least 7 of the elective credits must be upper level courses.

Course Offerings

- **RADIO-TV-FILM**
- **Communication 101** 3 units (crs.)

Understanding Radio, Television, and Motion Pictures (HU)

Our lives are constantly impacted by the mass media, yet we scarcely understand the complex ways in which they affect us. For example, how does a radio ad persuade us to buy or vote a certain way? How does a movie manipulate us into sharing the values of a certain character? To what degree is a TV news report truly objective? This course will help you make informed decisions about the media you consume.

- **Communication 151** 3 units (crs.)

Fundamentals of Radio and Television Production

Course covers basic theory and techniques of radio and television production. Emphasis is placed on radio station procedures and the fundamentals of television studio production.

- **Communication 201** 3 units (crs.)

Radio-TV-Film Communication

Seven weeks in this course are devoted to learning different approaches to mass media criticism and how to develop and research a paper based upon one of these methodologies. Seven weeks are devoted to learning the procedures and parameters of mass media practice within the United States as well as how to prepare for the next few years within the Radio-TV-Film program: topics include developing ideas with POV, conducting subject and market research, embracing social responsibility, understanding legal restrictions, and the importance of accepting criticism.

- **Communication 229** 3 units (crs.)

Radio-Television News

This course is a critical introduction to the language, principles, histories, institutions, and practices of contemporary broadcast news. Students learn to analyze, critique, apply, and improve the standards and conventions of electronic journalism. Informed analysis complements extensive practical writing. Prerequisite: Communication 151 and 201.

- **Communication 231** 3 units (crs.)

Radio-Television Announcing

Techniques of radio and television announcing, developing the ability to read various broadcast materials. Includes radio and television studio performance. Prerequisite: Communication 151 and 201.

- **Communication 234** 3 units (crs.)

Writing for the Electronic Media

A study of the techniques and practice of writing scripts for television, radio, corporate, and/or multimedia. Prerequisite: Communication 201.

- **Communication 240** 3 units (crs.)

Cinema Techniques

The study of conventions and creative strategies through which a director visualizes thought and emotion, as well as an introduction to motion picture production. The course combines an analysis of films, art, and photography with practical field experience. Students select use of either motion picture or video equipment. Prerequisite: Communication 151 and Communication 201. Optional Fee: \$10.00

- **Communication 241** 3 units (crs.)

History of Cinema, Radio, & TV

This course surveys the history of motion pictures and electronic media, including radio and television broadcasting, the world wide web, and media convergence. Consideration is given to aesthetic, social, economic, and technological perspectives. Prerequisite: Communication 201 (2+2)

- **Communication 242** 3 units (crs.)

History of Electronic Media

This course surveys the history of electronic media, from its beginnings in wired and wireless communication in the nineteenth century, through the growth and development of radio and television broadcasting, to contemporary developments in cable, the world wide web, and media convergence. The course is primarily focused on broadcasting in the United States and its relationship to the global media industries. The course offers a historical background through aesthetic, social, cultural, and technological perspectives. This course offers a necessary background for understanding the contemporary media world, whether as an active participant or a citizen. Prerequisite: Communications 201 or consent of instructor.

- **Communication 300** 1-3 units (crs.)

Professional Internship in Communication

Supervised professional field experience at a business, community or government media organization or on a film or television shoot in which the intern applies Radio/TV/Film study to a practical situation. Hours of work required per week will vary depending on the number of credits being earned. ie: 3.5 hrs.= 1 cr., 7 hrs.= 2 crs. or 10 hrs.= 3 crs. (Note: RTF will only facilitate internships in which students are registered for credit. Internship credits will not be

granted retroactively.) Prerequisite: Radio-TV-Film major or minor with a cumulative 2.5 GPA, consent of instructor, and junior/senior status. (5+15)

- **Communication 301** 3 units (crs.)

Radio-Television Advertising

A study of advertising within the United States broadcast industry. Students divide into groups and create a campaign, researching and marketing a product, then writing, storyboarding, presenting, and producing a radio or television spot. Prerequisites: Cumulative 2.5 GPA, Communication 234 for Radio-TV-Film Majors and Minors.

- **Communication 305** 3 units (crs.)

Cinema Production

Further develops the skills and principles of motion picture production, including sync sound recording, camera operation, cinematography, animation, and editing. Prerequisite: Cumulative 2.5 GPA, Communication 240. Special fee: \$30.00.

- **Communication 306** 3 units (crs.)

Film/Video Preproduction

The study of film/video preproduction, including project development, financing, budgeting, production management, scriptwriting, locations, casting, production design, sound design, etc. Throughout the course students will develop a property for either an advanced film or video, or for an original Titan Television program. Prerequisite: Cumulative 2.5 GPA and Communication 151 or 240.

- **Communication 307** 1 unit (cr.)

Motion Picture Workshop

Students (individually, with a partner, or in a group) produce a film designed for entry in festivals or inclusion on a sample reel. The project may be a narrative, a documentary, a music video, two television spots for the same product or service, an animated film or an experimental piece. Can be taken three times for a total of three credits. Prerequisites: Cumulative 2.5, Communication 240 or consent of instructor. Special fee \$15.00. (1+4)

- **Communication 310** 3 units (crs.)

Multi-Camera TV Production

Production and Direction of multi-camera studio television programs, as well as, field packages and multi-camera field direction. Prerequisites: Cumulative 2.5 GPA, Communication 151 (or Communication 222 and 239). (1.5+3)

- **Communication 312** 3 units (crs.)

Media Ethics

Studies of the moral issues and ethical problems that concern mass media practitioners, including those involved in broadcasting, print, public relations and advertising. Cross-listed: Communication 312/Journalism 312. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Cumulative 2.5 GPA and Communication 234 and either 241 or 242.

- **Communication 313** 3 units (crs.)

Television Studio Operations

This course provides a bridge between production and engineering. It emphasizes the importance of understanding technical processes as they apply to creative decisions. Students will learn how video cameras make pictures, how light and lighting instruments affect aesthetics, how edit systems function, how audio signals are created, and how to plan and design facilities. Examinations of technical standards for compression, multimedia, CD/DVD's and streaming are

included. The purpose of this course is to teach how equipment functions versus teaching the student how to operate it. Prerequisite: Cumulative 2.5 GPA, Communication 151. (2+3)

- **Communication 320** 1 unit (cr.)

Television Workshop

Practical experience in the daily operation of Titan TV, the university's educational cable channel, including; programming, promotions and production. Can be taken three times for a total of three credits. Prerequisite: Cumulative GPA 2.5, Communication 151 and 201 or consent of instructor. (1+4).

- **Communication 321** 3 units (crs.)

Digital Post-Production

The study and practice of the tools and techniques of digital post-production for film and television. This course examines the role of the editor, the post-production process and workflow, and the theories and techniques used to build emotion, drama, and information. This course provides hands on training and project application on non-linear edit systems, including Avid and Final Cut Pro. Prerequisite: 2.5 GPA, Communication 151 (or 222 and 239) and Communication 240.

- **Communication 327** 3 units (crs.)

Advanced Writing for the Electronic Media

Advanced study of writing for broadcast media, combining critical analysis of different media formats with creative writing in television, radio, and/or multimedia. Prerequisite: Cumulative 2.5 GPA, and Communication 234 with a grade of B or better.

- **Communication 329** 3 units (crs.)

Broadcast and Cable Sales

An introduction to the principles of selling radio, television and cable advertising, including customer need analysis, audience analysis, handling objections, creating copy, and service to the client. Prerequisites: Cumulative 2.5 GPA, Communication 201 for Radio-TV-Film majors OR Communication 118 and Communication 236 for Speech Communication majors and minors.

- **Communication 333** 1 unit (cr.)

Radio Workshop

Work at WRST-FM University Station. Auditions required for certain positions. Can be taken three times for a total of three credits. Prerequisites: Cumulative 2.5 GPA, Communication 151 or consent of instructor. 1+4

- **Communication 334** 1 unit (cr.)

Broadcast News Workshop

Students gain practical experience in media news gathering, working as part of a team to produce news reports and complete newscasts. Stories will be aired on the University of Wisconsin Oshkosh educational access channel, Titan TV. Cross-listed: Communication 334/Journalism 334. Students may receive credit for only one of the two cross-listed courses. Prerequisite: (Journalism 141, 221 and 224, each with a grade of C or better for journalism credits) or (Cumulative GPA 2.5, Communication 151 and 201 or consent of instructor for Radio-TV-Film credits.)

- **Communication 336** 3 units (crs.)

Communication & Technology in the Information Age

This course examines the historical development, cultural reception, and social impact of media technologies in the Information Age. Emphasis is placed on critical theories that seek to analyze

the relationship between technology and society. Prerequisite: Work at WRST-FM University Station. Auditions required for certain positions. Cumulative 2.5 GPA, Communication 201.

- **Communication 343** 3 units (crs.)

Corporate Electronic Media

An introduction to a crucial part of the mass media industry to often neglected by academia. Students will learn the concepts and creative processes involved in producing corporate electronic media. Topics include internal and external analysis skills, basic marketing principles, and cutting edge digital technologies used in the industry. Ultimately, students will produce a video, radio, or multi-media promotion package for a non-profit organization or student organization. Prerequisites: Cumulative 2.5 GPA and Communication 201 and Communication 151.

- **Communication 344** 3 units (crs.)

Prime-Time Television Writing

A study of the problems and principles of scripting dramatic and documentary programs for prime time broadcast. Successful prime time television shows, investigative reports, and motion picture excerpts are analyzed, and each student will write at least one half-hour prime time script. Prerequisite: Cumulative 2.5 GPA, Communication 234 for Radio-TV-Film majors; a 200 level writing course for non-Radio-TV-Film majors. Special fee: \$5.00.

- **Communication 347** 3 units (crs.)

Race, Class, Gender in the Mass Media (ES) (HU)

An introduction to the issues of race, class and gender, including sexual orientation, and their function within motion pictures and the electronic media. The investigation into media representations will reveal the historical, social, and political contexts that shaped and continue to construct these images. Prerequisites: Cumulative 2.5 GPA and Communication 201 for RTF majors and minors; OR 2.5 Cumulative GPA and Women Studies 201 for Women's Studies minors; OR Communication 118 and 236 for Speech Communication majors and minors OR instructor consent.

- **Communication 348** 3 units (crs.)

Media Criticism

Students will explore a number of scholarly theories of mass media including structuralist, psychoanalytic, feminist, and postmodern approaches. Students will apply these theories in critical analysis, essays, at least one of which will require outside research. Highly recommended to any student considering graduate study in mass communication. Prerequisites: Cumulative 2.5 GPA, Communication 201 for Radio-TV-Film majors; consent of instructor for other majors.

- **Communication 349** 3 units (crs.)

The Documentary

A critical survey of the history, theory and practice of the documentary in film and television. The methods and purposes of the documentary form will be examined through lectures, readings and screenings. Students apply these principles in production and/or writing projects. Prerequisites: Cumulative 2.5 GPA, Communication 151 and either Communication 241 or Communication 242.

- **Communication 359** 2 units (crs.)

Audio for Video Techniques

A study of audio production for film and video. All aspects of the audio process will be covered; onset sound, time code and synchronization, foley-pit techniques, dialog replacement, analog and digital tape lock, MIDI studio lock, digital editor/workstation lock, noise control/removal,

mixing, and use of effects. Cross-listed: Music 359/Communication 359 Students may receive credit for only one of the two cross-listed courses. Prerequisite: Cumulative 2.5 GPA and Music 305 or Communication 305. Special course fees may apply. (1+3)

- **Communication 400** 1-3 units (crs.)

Professional Internship in Communication

Supervised professional field experience at a business, community or government media organization or on a film or television shoot in which the intern applies Radio/TV/Film study to a practical situation. Hours of work required per week will vary depending on the number of credits being earned. ie: 3.5 hrs.= 1 cr., 7 hrs.= 2 crs. or 10 hrs.= 3 crs. (Note: RTF will only facilitate internships in which students are registered for credit. Internship credits will not be granted retroactively.) Prerequisite: Radio-TV-Film major or minor with a cumulative 2.5 GPA, consent of instructor, and junior/senior status. (5+15)

- **Communication 420** 3 units (crs.)

Cinematography/Videography

The study and practice of aesthetic and technical approaches to lighting, blocking, and camera placement for film and digital. The course combines the study of the relationship of the script to visualization and lighting with hands on film and digital production training and applications.

Prerequisites: Cumulative 2.5 GPA, Communication 240. (2+2)

- **Communication 421** 1-3 units (crs.)

Advanced Television Newsgathering

This course is for the student who is serious about a career in television news. Activities include reporting and video graphing, as well as writing and electronic editing of reports. Material will be played back on the local cable TV channel as part of the University of Wisconsin Oshkosh TV newscast. Prerequisites: Cumulative 2.5 GPA, Communication 334.

- **Communication 425** 1-3 units (crs.)

Seminar in Radio-TV-Film

The study of historical, critical, or theoretical issues in radio, television, film; emphasis on individual student research. May be repeated three times for up to 12 units (crs.) provided the topic varies. Fulfills the upper level criticism course requirement within the Radio-TV-Film major.

- **Communication 426** 1-3 units (crs.)

Seminar in Radio-TV-Film

The study of creative, production, or management issues in radio, television, film May be repeated three times for up to 12 units (crs.) provided the topic varies. Cannot be used toward the upper level criticism course requirement within the Radio-TV-Film major.

- **Communication 429** 3 units (crs.)

Advanced Radio Production

This course includes the study and practice of advanced radio station production. Course will draw from a historically grounded body of professionally produced work to provide a foundation for the analysis of original student productions. Both studio and field production techniques will be examined and applied to student projects. Prerequisite: Cumulative 2.5 GPA, Communication 151 or 222 and 239.

- **Communication 433** 3 units (crs.)

Entertainment Law

Laws and regulations, which govern radio, television, motion pictures, and theatre. Includes the relationships of the broadcast/media manager, artistic director, producer, director, and actor to

each other and to agencies such as Congress, the courts, the FCC and other regulatory agencies. Cross-listed: Communication 433/Theatre 433. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Cumulative 2.5 GPA and Communication 201 for RTF majors and minors; OR Communication 118 and 236 for Speech Communication majors and minors OR Theatre 102 or consent of instructor

- **Communication 434** 3 units (crs.)

Screenwriting

The study and practice of writing feature-length narrative screenplays. Motion picture scripts will be analyzed in depth and students will develop and write an original feature screenplay. Prerequisite: Cumulative 2.5 GPA, Communication 344 and consent of instructor

- **Communication 437** 3 units (crs.)

Radio-TV Station Management

Problems facing station managers; principles used in solving them. The student studies broadcast management through case study analysis and market research. Prerequisite: Cumulative 2.5 GPA, Communication 151 and 201.

- **Communication 438** 3 units (crs.)

Educational Media

An exploration of educational media, including CD-ROMS, video games, learning-centered websites, children's TV programming, and adult TV programming. Topics include exposure to violence, federal regulations to improve children's television, and the medium's ability to teach. Case studies will cover both animation and live action, ranging from Nickelodeon to National Geographic to the History Channel. Prerequisites: Cumulative 2.5 GPA and Communication 201 or instructor's consent.

- **Communication 440** 3 units (crs.)

Media Leadership

This course is designed primarily to help students develop as future leaders in the media industries. Students will learn about the theory and styles of leadership in the media industry through readings, class discussions, examples, case studies, and exercises. Ultimately, this course will serve as a foundation for students as they develop leadership skills and manage their careers as media professionals. Prerequisites: Cumulative 2.5 GPA and Communication 201 or consent of instructor.

- **Communication 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. As outlined in this section, Communication 446 is designed to provide structured research (scholarly or creative) "well beyond that required in established courses." It may not be used as a substitute for an existing course, nor may it be used by a company or organization seeking free labor or free access to Dept. equipment and facilities.

COMMUNICATION STUDIES

- **Communication 104** 1 units (crs.)

Introduction to Communication Studies

This course offers students an orientation to "Communication Studies" including exploration of the three communication focus areas, advising, preview of requirements for the major and minor, student organizations, internships, study abroad opportunities, and a variety of resources and services available to students to support their success in the

major and/or minor. Prerequisites: Communication 111 or Communication 111 as a corequisite

- **Communication 111** 3 units (crs.)

Fundamentals of Speech Communication (GE)

Introduction to theory and practice of communicating in interpersonal and public speaking settings.

- **Communication 112** 3 units (crs.)

Honors: Fundamentals of Speech Communication (GE)

Individual Speech Communication skills through the study of theory and experience in a variety of speeches. Open primarily to university honor scholars. If space permits, students who demonstrate above average oral communication ability and/or potential via a written test and oral performance will be allowed to enroll. Assignments in the course will be more challenging than those in Communication 111, with expectations of higher performance levels. Not open to students who have taken Communication 111. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Communication 118** 3 units (crs.)

Communication in Contemporary Society

This course is a general introduction to communication studies as represented in the UW Oshkosh Department of Communication. Topics include the Communication Tradition, Methods of Discovery, Organizational Communication, Intercultural Communication, Communication and Mass Media, and Communication and Theatre. The course is designed to make connections between the variety of programs and emphases available in the Department. Students will engage the major journals and be able to identify the key issues facing the field.

- **Communication 214** 3 units (crs.)

Interpersonal Speech Communication

Examination of the components of interpersonal speech communication. Lectures, discussions, observations, and controlled experiences will enable the student to learn and apply relevant concepts and variables of human interaction in dyadic, face-to-face communication situations. Prerequisite: Communication 111 or consent of instructor.

- **Communication 215** 3 units (crs.)

Small Group Communication

Theory, practice, and instructional methods of face-to-face communication in small groups; emphasizing field, role, conflict resolution, and problem-solving through group communication. Prerequisite: Communication 111 or consent of instructor.

- **Communication 219** 3 units (crs.)

Intro to Rhetoric and Public Advocacy

Advocacy explores the nature, function, and consequences of rhetoric. The course includes an introduction to rhetorical theorists and practitioners, a sampling of the major subject areas in the field of rhetoric, and the critical concepts included in these areas. Course assignments are designed to help students think critically about the study of rhetoric and what it offers to us as individuals and to society as a whole. Prerequisites: Communication 111, Communication 104 as a prerequisite or a corequisite.

- **Communication 220** 3 units (crs.)

Interviewing

Examination of factors that influence successful attainment of interview objectives, which maximize information quality, and which enhance participant satisfaction. Theory and strategies appropriate to information-gathering, information-giving, personnel selection, performance appraisal, discipline, complaint and persuasive interviews will be discussed. Students will analyze professional interviews, participate in class exercises and role-playing to develop their interviewing skills. Prerequisite: Communication 111 or consent of instructor.

- **Communication 236** 3 units (crs.)

Introduction to Communication Theory

A critical examination of various theories of Communication and their philosophical, theoretical, and methodological similarities and differences. Includes examination of theory components and theory building and evaluation. Prerequisite: Communication 111.

- **Communication 265** 3 units (crs.)

Oral Interpretation

A study of the principles and vocal techniques of oral interpretation, and their application to the various forms of literature. Prerequisite: Communication 111.

- **Communication 267** 3 units (crs.)

Effective Listening

Analysis of the act of listening: process, types, barriers to, and the improvement of listening skills. Frequent skill building exercises and the testing of listening for comprehension and retention. Prerequisite: Communication 111 or consent of instructor.

- **Communication 268** 3 units (crs.)

Gender, Communication and Relationships (SS)

Focuses on the relationship between gender and communication within the context of interpersonal relationships. Topics covered include hetero/homoaffective relationships, friendships, and professional relationships. Cross-listed: Communication 268/Women's Studies 268. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Communication students are recommended to have taken Communication 111 or consent of instructor.

- **Communication 275** 3 units (crs.)

Argumentation and Debate

The fundamentals of argumentation: forms of reasoning, sources of evidence, testing of evidence, brief making, general theory, and case work. Opportunity for analysis of and debate on current problems. Prerequisite: Communication 111 or consent of instructor. Speech Education majors/minors and those wanting to travel with the debate team should not enroll in Communication 275. This course does not meet the Speech Education major/minor requirements.

- **Communication 277** 3 units (crs.)

Intercollegiate Academic Debate

The fundamentals of argumentation: forms of reasoning, sources of evidence, testing of evidence, brief making, general theory, and case work. Opportunity for analysis of and debate on current problems. Prerequisite: Communication 111 and students enrolled in Communication 277 are required to co-enroll in Communication 411.

- **Communication 280** 3 units (crs.)

Introduction to Organizational Communication

This course presents both historical and current perspectives on the origins and usefulness of organizational communication theory; it provides the knowledge for understanding and

improving communication skills in a variety of organizational settings. Topics may include: decision making, organizational change, technology, globalization, emotion, assimilation, and other issues central to organizational communication. Prerequisites: Communication 111 or Communication 112.

- **Communication 302** 3 units (crs.)

Communication and the Human Condition

An exploration of various communication technologies-e.g., the alphabet, the clock, the photograph with an emphasis on examining their effects for the human condition, including the manner in which communication itself is conceptualized. Prerequisites: Communication 104, 214, 219 and 280.

- **Communication 303** 3 units (crs.)

Advanced Public Speaking

This course focuses on current social/political issues and critical citizenship. Specific emphasis is placed on rhetorical ideas and formats that examine deliberation, reasoning, and public affairs. Public communication competencies are enhanced. Prerequisite: Communication 118 and 236 or consent of instructor.

- **Communication 304** 3 units (crs.)

Business and Professional Speaking

An examination of the unique communication problems and practices in business and industry. Through investigation, case study and practical exercises students should understand and be able to participate effectively in a variety of communication experiences faced by managers in business and the professions. Prerequisite: Communication 118 and 236 or consent of instructor.

- **Communication 314** 3 units (crs.)

Inside-Out Prison Exchange

This course focuses on issues and topics related to prisoners and the role that communication and the liberal arts play in our understanding of these issues and topics. Because language and images influence our perception of those who are stigmatized, the overall framework of the course is communication-based. The course has several unique characteristics. First, the course brings together equal numbers of UWO students and incarcerated students at a local correctional institution. UWO students (Outside Students) and incarcerated students (Inside Students) will have an opportunity to participate in this course and share their observations of the course material in an environment that stresses mutual respect and equality. In this way, students will be exposed to different perspectives and have the opportunity to apply what they are learning to the combined experiences of all their class peers. Ten joint class meetings will be held inside the correctional institution. The other three meetings will be held separately at the correctional institution for Inside students and at UWO for Outside students.

Prerequisites: By Instructor Consent Only. To be considered for a seat in this course, students must complete an interview with the instructor.

- **Communication 316** 3 units (crs.)

Gender, Discourse and Power (HU)

This course explores gender issues through the framework of public discourse and power dynamics. This course analyzes the vocabularies through which we publicly understand contemporary issues, examines the interests served by such language discourses, and invites discussion regarding alternative language choices. Prerequisites: Communication 118 and 236

and 368 or Women's Studies 201 and Communication 368 or consent of instructor. Students may receive credit for only one of the cross-listed courses. Communication 316/Women's Studies.

- **Communication 318** 3 units (crs.)

Intercultural Communication (ES)

An examination of cultural influences on human interaction in a variety of contexts. Theoretical and practical aspects of intercultural communication are explored. Prerequisite: Communication 118 and 236 or consent of instructor.

- **Communication 319** 3 units (crs.)

Persuasion

Study of both classical and contemporary persuasion theories and practices. Assignments involve practical application of the theoretical foundation by analyzing different persuasive messages found in the media and public speeches. Prerequisite: Communication 118 and 236 or consent of instructor.

- **Communication 325** 3 units (crs.)

Nonverbal Communication

An examination of nonverbal communication, the process of one person stimulating meaning in the mind of another person (or persons) by means of nonverbal codes. Both the functions and specific categories of nonverbal behavior will be examined along with their communicative impact in a variety of situations. Theoretical and practical aspects of nonverbal communication are also explored. Prerequisite: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 326** 3 units (crs.)

Communication and Conflict

An exploration of research and praxis regarding human conflict as a process of social interaction. Communication theories and contracts for interpersonal conflicts, mediation and social justice advocacy are examined. A service learning project is required. Prerequisite: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 337** 3 units (crs.)

Foundations in Communication Studies

A chronological survey of the major rhetorical theories of Greece and Rome. A concentration on the rhetorical works of Plato, Aristotle, Cicero, Quintilian, the Sophists, and St. Augustine. Prerequisite: Communication 118 and 236 or consent of instructor. 337/537

- **Communication 338** 3 units (crs.)

Freedom of Speech in the United States

In the United States, freedom of speech is restricted in a variety of ways. Historically and today, government places legal restrictions on communicators, the content of communication, and the medium of communication. When such restrictions have been challenged in the courts, judges have generally been guided by a very narrow model of communication. This course examines the legal history and contemporary status of the First Amendment from a modern Communication theory perspective. Prerequisite: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 368** 3 units (crs.)

Systematic Inquiry in Communication Studies

This course seeks to provide the skills necessary to evaluate communication research results critically and design communication research projects. This class will combine theoretical understanding and practical research application including both quantitative and qualitative communication research. Emphasis will be placed on exploring the assumptions of each method

and understanding when each is appropriate. Prerequisites: Communication 104, 214, 219 and 280 or consent of instructor.

- **Communication 375** 3 units (crs.)

Argumentation Analysis

The fundamentals of argumentation: argument theory, forms of reasoning, warrants, sources of evidence, testing evidence, and case construction. Opportunity for debate and analysis on current programs. Prerequisites: Communication 104, 214, 219 and 280.

- **Communication 405** 3 units (crs.)

Special Topics: Study Abroad

Special Topics designed solely for study abroad. The course may be repeated for up to nine credits with different content. Sometimes specific sections are cross-listed with other departments/programs; students may receive credit for only one of the two cross-listed courses.

- **Communication 411** 2 units (crs.)

Forensic Participation

Participation in university-sponsored intercollegiate off-campus debate and forensics.

Prerequisite: Communication 118 and 236 or consent of instructor. (0+3)

- **Communication 413** 3 units (crs.)

Communication and Nonprofit Organizations

This course is designed to provide you with an overview of issues and topics in nonprofit organizational communication. Topics include internal communication issues such as socialization, stress and burnout, and volunteer and board management as well as external communication issues including public relations, fundraising, and advocacy.

Prerequisites: Communication 368 and 111 and 236 or Communication 280 and 368 or consent of instructor.

- **Communication 414** 3 units (crs.)

Communication Training and Development in Organizations

This course explores the training process and role of employee development in organizations by focusing on adult learning, needs assessment, training process components, training competencies, and learning assessment. Working with an organizational partner, the class will develop, deliver, and evaluate a training package focused on a communication-oriented challenge. Prerequisite: Communication 280.

- **Communication 415** 3 units (crs.)

Organizational Rhetoric

In this course, we will study organizational communication using a rhetorical approach. We will begin with an investigation of the communication processes through which formal organizations influence popular attitudes and individual identities. We will also study how people in particular organizations use language to "do" things. Students will learn to critique examples of organizational rhetoric and develop communication materials to address challenges and crises in organizational communication.

Prerequisites: Communication 368 or Communication 268 or Communication 280 or consent of instructor.

- **Communication 416** 3 units (crs.)

Managerial Communication

This course explores fundamental aspects of managerial communication by focusing on how to ensure the effectiveness of management messages and interactions in a variety of

organizational contexts and in terms of typical challenges managers face. Prerequisites: Communication 280 & Communication 368; or consent of instructor.

- **Communication 422** 3 units (crs.)

History of American Public Address

An analysis of influential speeches delivered between 1640 and modern times. Emphasis is placed on discovering the relationship between the speeches and the historical/rhetorical situations in which they were delivered. At the end of the term, students compose and deliver their own State of the American Union' speech. Prerequisite: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 427** 3 units (crs.)

Rhetorical Criticism

Ancient and contemporary approaches to rhetorical criticism with emphasis on the description, analysis and evaluation of public messages. Prerequisite: Communication 118 and 236 and 368 or consent of instructor. 427/627

- **Communication 428** 3 units (crs.)

The Rhetoric of Rock Music

The course examines the history and rhetorical features of rock music. Rhetoric is concerned with how communicators adapt messages to audiences in a cultural context. When dealing with rock music, who is/are the communicator(s)? What is/are the audience(s)? Is the music a product of a cultural context or does it create that context? Prerequisites: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 436** 1-3 units (crs.)

Seminar in Speech Communication

Special studies in speech communication theory and public address. The topic to be determined by the instructor. Communication 118 and 236 and 368 or consent of instructor. This course may be repeated nine times for up to nine units (crs.) provided the topic varies. (1+3)

- **Communication 439** 1 unit (cr.)

Communication Career Capstone

The Communication Career Capstone is a one-credit course that presents graduating seniors with an opportunity to reflect on what they have learned in their major and how that relates to their lives after graduation. The course focuses on practical exercises and advice useful for a student soon to enter the workforce. A variety of guest speakers will inform the class about careers, the role of communication in the workplace, and other professionally related topics. Prerequisite: Senior standing as a Communication Major/Communication Studies Emphasis student. Pass/fail Course.

- **Communication 441** 3 units (crs.)

Teaching of Speech Communication in Secondary Schools

The goals, materials, and methods of teaching speech communication to high school students Admission I. (Spring-even years)

- **Communication 442** 3 units (crs.)

Advanced Communication Theory

This course examines communication as a vital constitutive force in the social construction of reality. The central focus is upon ways in which reality and the human condition are socially constructed through various interpretive, communication processes, with particular attention to assumptions about the role of communication in interpersonal relations and social change.

Prerequisites: Communication 118 and 236 and 368 or consent of instructor.

- **Communication 443** 3 units (crs.)

Organizational Communication

The course deals with the basic content of organizational communication: theory of communication, small groups, interpersonal communication, conflict, and other communication variables. Attempts to draw the link between the theoretical perspective and the pragmatic application of the topic. Prerequisite: Communication 118 and 236 or consent of instructor.

- **Communication 444** 3 units (crs.)

Direction of High School Speech Activities

The study of debate, forensics as co-curricular activities with emphasis on directing various programs on the high school level. (Fall-odd years)

- **Communication 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. As outlined in this section, Communication 446 is designed to provide structured research (scholarly or creative) "well beyond that required in established courses." It may not be used as a substitute for an existing course, nor may it be used by a company or organization seeking free labor or free access to Dept. equipment and facilities.

- **Communication 447** 3 units (crs.)

Speech in the Elementary Classroom

This course examines speech communication education for the elementary classroom teacher, providing both theoretical foundations and pedagogical strategies. Required course for Elementary Education Language Arts Minor. Prerequisite: Communication 111.

- **Communication 450** 3 units (crs.)

Rhetoric of the US Women's Movement 1776-1920 (SS)

This course introduces students to primary rhetorical texts of the women's rights movement, spanning from 1776 to 1920. Students will analyze the main arguments, appeals, and ideas of the women's rights movement. Specifically, students will critically analyze the connections and distinctions among texts, examine the points of contention within the women's movement, and explore the ideological assumptions that underlie the major arguments, appeals and ideas. Cross-listed: Communication 450/Women's Studies 450. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Communication 118 and 236 and 368 or Women's Studies 201 and Communication 368 or consent of instructor.

- **Communication 451** 3 units (crs.)

Rhetoric of the U.S. Women's Movement 1920-Present (SS)

This course introduces students to primary rhetorical texts of the women's movement in the United States from 1920 to the present. Students will analyze the main arguments, appeals, and ideas of the women's movement. Specifically, students will critically analyze the connections and distinctions among texts, examine the points of contention within the women's movement, and explore the ideological assumptions that underlie the major arguments, appeals, and ideas. Cross-listed: Communication 451/Women's Studies 451. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Communication 118 and 236 and 368 or Women's Studies 201 and Communication 368 or consent of instructor.

- **Communication 455** 3 units (crs.)

Environmental Communication

This course is an exploration into the ways we define the environment and how language use influences our interactions with the environment. Cross-listed with Communication 455/Environmental Studies 455. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Communication 118 and 236 and 368 or Instructor Permission.

- **Communication 474** 1-6 units (crs.)

Honors: Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Maximum of 6 units (crs.). Prerequisite: University Honors status and junior standing.

- **Communication 476** 3 units (crs.)

Special Topics in Rhetoric and Public Advocacy

A course in rhetoric and public advocacy not normally covered in the curriculum. The course may be repeated for up to nine credits with different content. Sometimes specific sections are cross-listed with other departments/programs; students may receive credit for only one of the two cross-listed courses.

- **Communication 477** 3 units (crs.)

Special Topics in Organizational Communication

A course in Organizational Communication not normally covered in the curriculum. The course may be repeated for up to nine credits with different content. Sometimes specific sections are cross-listed with other department/programs; students may receive credit for only one of the two cross-listed courses.

- **Communication 478** 3 units (crs.)

Special topics in Interpersonal Communication

A course in interpersonal communications not normally covered in the curriculum. The course may be repeated for up to nine credits with different content. Sometimes specific sections are cross-listed with other departments/programs; students may receive credit for only one of the two cross-listed courses.

- **Communication 498** 3 units (crs.)

Capstone in Communication Studies

This course provides the opportunity for integration and synthesis of previous coursework in the major as well as preparation for students' next steps in their education or careers. Students will be expected to analyze and synthesize past learning and relate it to issues and problems in their chosen area of communication study. Course requirements will be tailored to meet students' specific career plans and one of the three focus areas (interpersonal, organizational, public communication), or the communication generalist area. Prerequisites: Communication 302, 375, and 368.

- **Communication 499** 3 units (crs.)

The Rhetoric of the Vietnam War

Examines the rhetoric and history of the Vietnam conflict from World War II to the present. Political rhetoric, the rhetoric of the anti-war movement, Watergate, Vietnam revisionism and the draft are explored. Students analyze film both as propaganda and as one of society's methods for coping with the national trauma caused by America's involvement in Vietnam. Prerequisites: Communication 118 and 236 and 368 or consent of instructor.

Computer Science

Information

Tom Naps, Chairperson
Department Office: Halsey Science 229
Department Telephone: 920-424-1388
Code 34 or COMP SCI

Faculty

- Furcy, Georgiev, Krohn, Lynch, Naps, Thomas

Degrees

- **Undergraduate:** A major in Computer Science can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. GOAL(S)

Within three to five years after graduation, our typical alumni will:

- Advance beyond initial entry-level positions as computing professionals or have made significant progress toward a graduate degree in computing.
- Use the background they have acquired in a wide range of areas in computer science during their undergraduate study as a basis for continued growth of their professional knowledge and skills.
- Use communication and teamwork skills to effectively collaborate with others in their workplace.
- Demonstrate strong professional ethics in all of their computing endeavors.

2. THE MAJOR(S)

- The Department offers a choice of three emphases within the Computer Science Major. These are 1) Computer Science 2) Software Engineering, and 3) Computer Information Systems.
- The Department of Public Instruction will certify secondary education graduates to teach Computer Science in high schools if they complete the Computer Science Minor. Students need to select certain courses from the list of elective courses to satisfy the Department of Public Instruction guidelines.

3. THE MINOR(S)

- The Department offers one minor: Computer Science.

Admission/Graduation Requirements

Admission Policy

- The Computer Science Department has no admission requirements for the Computer Science Major. Any enrolled student may declare a Computer Science Major.
- Graduation Requirements To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Computer Science major or minor. In addition to University and College requirements, students must have a minimum grade point average of 2.00 in those computer science courses numbered 300 or above that are used to satisfy the requirements of the Computer Science Major excluding Computer Science 399, 446, 456, 474, and 490. This statement implies that if a student completes more than the minimum number of courses required for a specific emphasis, the student may designate those courses that will be used for computing the grade point average when more than one choice is possible. The resulting set of designated courses must satisfy the requirements of a specific emphasis of the Computer Science Major.

Required Core Courses

- These courses are required of all Computer Science Majors:
 - **Computer Science**
 - Computer Science 221, Object-Oriented Programming and Design I 3 crs.
 - Computer Science 251, Computer Organization and Assembly Language 3 crs.
 - Computer Science 262, Object Oriented Programming and Design II 4 crs.
 - Computer Science 271, Data Structures 4 crs.
 - Computer Science 331, Programming Languages 3 crs.
 - **One of the following**
 - Computer Science 399 Internship in Computer Science 6 crs. maximum
 - Computer Science 490 Practicum in Computer Science 3 crs.
 - **Mathematics**
 - Mathematics 212 Mathematics for Computer Science 3 crs.
 - **Physics**
 - Physics 311 Digital Instrumentation 4 crs.
- **Comments:**

The Physics 311 course also satisfies the one-semester laboratory science course requirement for the B.S. degree, as long as the two-course laboratory science sequence is taken from courses in a department other than Physics. Students pursuing the Computer Science emphasis should see the description of that emphasis for special considerations

that apply when using Physics 311 in this way. Physics 311 also satisfies the one-semester laboratory science course requirement.

The Major(s), with Emphasis and/or Options

- The requirements for a major in Computer Science consist of the courses listed in the Required Core Courses plus those listed under one of the Emphases described below. Every Computer Science Major must satisfy one of these three emphases.
- 1. **COMPUTER SCIENCE MAJOR**
 - **Computer Science Emphasis**
 - Focuses on the fundamental, practical, and theoretical foundations of computer science, providing an in-depth understanding of both the software and hardware components of computer systems. It is appropriate for students preparing for careers in scientific computing or research, and for students planning to pursue graduate degrees. This emphasis is accredited by the Computing Accreditation Commission of the ABET, 111 Market Place, Suite 150, Baltimore, MD 21202-4102, telephone: (410) 347-7700. The Computer Science emphasis is open only to students pursuing the B.S. degree.
 - **Required Units (crs.):** 35 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Computer Science:** Computer Science 310, 321, 350, 381, 421, 431, 499
 - **Mathematics:** Mathematics 171, 172, 301
 - **Electives:** Total of 6 units (crs.) from Elective List A (see below). These chosen electives must not be one of the required courses for the Computer Science Emphasis. Additionally, the requirement in math and science necessitate completion for Mathematics 171, 172, 212, 301; Computer Science 381; Physics 311; plus an additional 11 units (crs.) from other math and science courses. In selecting courses for these additional 11 units (crs.), science courses must be chosen to insure the student meets the general university natural science requirement for a B.S. degree, and math courses must be chosen from elective List C (see below).
 - **ELECTIVE LIST A:**
 - **Computer Science:** 300, 310, 321, 341, 342, 346, 350, 361, 371, 381 391, 421, 431, 480
 - **ELECTIVE LIST B:**
 - **Business:** 260, 314, 315, 319, 355, 410, an MIS course approved by the Computer Science department.
 - **ELECTIVE LIST C:**
 - **Physics:** 305, 319, 405, 415, a Physics course approved in advance by the Computer Science department.

- **Mathematics:** 222, 256, 302, 304, 342, 346, 349, 355, 356, 357, 371, 385, 401, 402, a Mathematics course approved in advance by the Computer Science department.
- **Software Engineering Emphasis**

Focuses on knowledge and skills for the design, development, maintenance, and management of software, including software for the operation of instrumentation. It is appropriate for students preparing for careers as systems programmers, systems analysts, software engineers, or computer-based instrumentation specialists.

 - **Required Units (crs.):** 33 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Computer Science:** Computer Science 321, 341, 342, 350, 361, 421 or 431.
 - **Mathematics/Economics:** Mathematics 171 or 206, Mathematics 201 or 301, or Economics 210
 - **Electives:** 3 units (crs.) from Elective List A; 6 units (crs.) from Elective Lists B and C combined (see below). The chosen electives must not be one of the required courses for the Software Engineering Emphasis.
 - **ELECTIVE LIST A:**
Computer Science: 300, 310, 321, 341, 342, 346, 350, 361, 371, 381 391, 421, 431, 480
 - **ELECTIVE LIST B:**
Business: 260, 314, 315, 319, 355, 410, an MIS course approved by the Computer Science department.
 - **ELECTIVE LIST C:**
Physics: 305, 319, 405, 415, a Physics course approved in advance by the Computer Science department.
Mathematics: 222, 256, 302, 304, 342, 346, 349, 355, 356, 357, 371, 385, 401, 402, a Mathematics course approved in advance by the Computer Science department.
- **Computer Information Systems Emphasis**
 - Focuses on the knowledge and skills for designing, implementing, and administering application software, including network administration and database administration, computerization plan preparation, and user requirement specification preparation. It is appropriate for students preparing for careers as systems administrators, network managers, or application programmers.
 - **Required Units (crs.):** 32 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Computer Science:** Computer Science 341, 346, 350, 361
 - **Mathematics:** Mathematics 171 or 206
 - **Mathematics/Economics:** Mathematics 201 or 301 or Economics 210
 - **Electives:** 9 units (crs.) from Elective List A; 6 units (crs.) from Elective List B (see below). The chosen electives must not be one of the required courses for the Computer Information Systems Emphasis.

- **ELECTIVE LIST A:**
 - **Computer Science:** 300, 310, 321, 341, 342, 346, 350, 361, 371, 381, 391, 421, 431, 480
- **ELECTIVE LIST B:**
 - **Business:** 260, 314, 315, 319, 355, 410, an MIS course approved by the Computer Science department.

The Minor(s)

1. COMPUTER SCIENCE MINOR

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - **Computer Science:** Computer Science 221, 251, 262 and 271
- **Electives:** Any three courses from the following:
 - **Computer Science:** Computer Science 300, 310, 321, 331, 335, 341, 342, 346, 361, 371, 381, 391, 421, 431, 480, 490
- **NOTE:** Students who seek DPI certification should contact the Department.

Course Offerings

- **Computer Science 115** 3 units (crs.)

Using Computers

This course introduces students to computers and their use. The course emphasizes productivity tools such as word processing, spread sheet and internet application packages. Emphasis will be placed on methodologies that acquire, organize, analyze, synthesize, and present data. This course does not apply toward the Computer Science major or minor. Students may not earn credit for both Computer Science 115 and Business 210. Not open to students who have completed Computer Science 271.

- **Computer Science 125** 3 units (crs.)

World Wide Web Site Development

An introduction to the tools for developing World Wide Web pages. Topics covered include: Internet history, overview of file transfer, remote login, electronic mail, introduction to Hyper Text Markup Language (HTML), incorporating graphics, clip art and other multimedia materials, techniques and principles of effective presentation and uploading files to a server. This course does not apply toward the Computer Science major or minor. Not open to students who have completed Computer Science 271.

- **Computer Science 142** 3 units (crs.)

Elementary Programming in Visual Basic

A service course in computer programming using the language Visual Basic. Topics covered include problem solving, algorithms, selection statements, repetition, arrays, functions and sub-programs. This course does not apply to the major or minor. Prerequisite: Mathematics 103 with

a grade of C or better, or qualifying for either Mathematics 108 or Mathematics 171 via Math Placement Test. Not open to students who have completed Computer Science 271. (Fall, Spring)

- **Computer Science 221** 3 units (crs.)

Object-Oriented Design and Programming I

A first course in problem solving, software design, and computer programming using the Java language. Problem solving/software design techniques will be drawn from: flow charts, pseudo code, structure charts, and class diagrams. Data structures and algorithms include: arrays, characters strings, searching, and sorting. Programming topics include; data types assignment statements, standard input/output, selection, repetition, functions/methods, parameters, scope of identifiers, data file input/output, recursion, and simple GUIs. Prerequisite: A grade of C or better in Math 104 or Math 108 or Math 206 or Computer Science 142, or qualifying for Math 171 via the Mathematics Placement Exam. (Fall, Spring)

- **Computer Science 251** 3 units (crs.)

Computer Organization and Assembly Language

An introduction to RISC-based instruction set architecture. Topics to be studied include: data representation, assembly language programming, and introduction to system software. Prerequisite: Computer Science 221 with a grade of C or better. (Fall, Spring)

- **Computer Science 262** 4 units (crs.)

Object Oriented Design and Programming II

A second course in problem solving, software design, and computer programming using the Java language. Problem solving/software design topics will be drawn from: abstract data types, universal modeling language (UML), and finite-state machines (FSM). Data structures and algorithms include: recursive sorting, implementation of linked lists, stacks, queues, and use of other collection classes. Programming topics include: recursion, inheritance, polymorphism, templates, and graphical user interfaces. Prerequisite: Mathematics 108 or equivalent with a grade of C or better, or qualifying for a higher level mathematics course via the Mathematics Placement exam, and Computer Science 221 or equivalent with a grade of C or better. (Fall, Spring)

- **Computer Science 271** 4 units (crs.)

Data Structures

A course surveying the fundamental methods of representing data in memory and the algorithms, which access data, using the C++ language. Data structures and algorithms include; trees, heaps, priority queues, hashing, searching, sorting, graphs, and elementary analysis of algorithms. Programming topics include: dynamic memory allocation, pointers, templates, and the C++ Standard Template Library (STL). Prerequisite: Computer Science 262 with a grade of C or better. Concurrent registration in Mathematics 212 or prior completion of Mathematics 212 with a grade of C or better. (Fall, Spring)

- **Computer Science 300** 3 units (crs.)

Artificial Intelligence

This course is a survey of existing techniques in the field of artificial intelligence. An introduction to the areas of robotics, theorem proving, heuristic programming, natural language processing, neural networks, and game playing is presented. Students are expected to demonstrate mastery via computer programs using the techniques of artificial intelligence. Prerequisite: Computer Science 262 with a grade of C or better.

- **Computer Science 310** 3 units (crs.)

Computer Architecture

An introduction to digital logic and computer hardware organization. The students are introduced to elementary Boolean algebra and switching theory as related to computer architecture. Emphasis is given to the design of Central Processing Units, Arithmetic and Logic Units, and main memories. A comparison of alternate computer organizations is presented. Prerequisite: Computer Science 251, Mathematics 212, with a grade of (C) or better. Prerequisite or concurrent enrollment: Physics 311. (Fall)

- **Computer Science 321** 3 units (crs.)

File Structures

This course is a continuation of the data structures course. It is a study of the representation of data and the algorithms for storing and retrieving data on secondary memory devices. The following topics are covered: magnetic tape and magnetic disk, binary and text file representations, sequential files, blocking, buffering, relative files, static and dynamic hash files, indexed files via B trees, indexed-sequential files via B+ trees, inverted files, file control specifications, external sorting algorithms, spooling and file systems. Prerequisite: Computer Science 271 and Computer Science 251 with a grade of C or better. (Fall)

- **Computer Science 331** 3 units (crs.)

Programming Languages

A study of programming languages. Topics covered include: formal syntactic description, methods of implementation, and language features such as recursion, block structure, string processing, and list processing. Specific high level programming languages are studied to demonstrate the use of these language features. Prerequisite: Computer Science 251 and Computer Science 271 both with a grade of C or better. (Spring)

- **Computer Science 334** 1 unit (cr.)

Advanced Visual Basic Programming

The objectives of this course are to provide fast-paced coverage of writing Windows applications in Visual Basic to students who already have substantial programming experience in another language. The course will describe Visual Basic in the context of Microsoft's .NET framework and focus on a number of advanced concepts. These concepts will include, but are not limited to, the event-handling model, object-oriented programming, a wide range of GUI controls, file-handling, database access, ASP, .NET, Web forms, and Web controls. Prerequisite: Computer Science 262 with a grade of C or better.

- **Computer Science 335** 2 units (crs.)

Windows and GUI Programming

This course examines modern Windows and GUI programming and design techniques, using the Microsoft.Net framework as a basis. The course will include an overview and history of GUI programming. The C# language will be studied, along with an introduction to back-end database (ADO.Net) connectivity within .Net, and its role in the tiered structure of modern application design. Web-based forms and Active Server Pages (ASP.Net) will be covered, along with the recent concept of XML Web Services. Finally, the course will look at aspects of components, deployment and class design within the .Net environment, concluding with other advanced. Net techniques such as Reflection. Prerequisite: Concurrent registration in or completion of Computer Science 334 with a grade of C or better.

- **Computer Science 341** 3 units (crs.)

Software Engineering I

This course will provide an in-depth study and analysis of at least one large scale software system. Students will analyze, design, and partially implement an extensive software project.

Case studies will address major system concerns such as specification, classification, inter-relationships, validation, and evaluation. Other topics include the use of UML, prototyping, data flow diagrams and CASE tools. Prerequisite: Computer Science 262 with a grade of C or better. Junior-level standing. (Fall)

- **Computer Science 342** 3 units (crs.)

Software Engineering II

Software Engineering II is the second of a two-semester sequence on the topic of modern Software Engineering tools and techniques. Topics covered include Design Patterns, the Unified Modeling Language, (UML), Component-based Software development, Advanced OO Design and Analysis, Refactoring, and other techniques such as Extreme Programming. An extensive software development project will allow for practical application of the discussed techniques. Prerequisite: Computer Science 271 and Computer Science 341 each with a grade of C or better. Junior-level standing.

- **Computer Science 346** 3 units (crs.)

Web Software Development

An introduction to the tools for developing internet applications. Topics covered include: Internet history, the HyperText Markup Language, graphic images and manipulation, multimedia, programming in the JavaScript and PERL languages. Prerequisite: Computer Science 262 with a grade of C or better.

- **Computer Science 347** 3 units (crs.)

Introduction to Usability

This course presents the basic theory and professional views on design and usability, with an emphasis on human-computer interaction in web-based environments. The nature of life in general requires understanding of how people think and act. What makes a well-designed door versus a poorly designed door? Understanding the answer scientifically is based on understanding people and usability, not the mechanics of doors. This class will focus on several basic principles that range from defining usability, design, sketches and how to evaluate usability. A case study will be conducted using high-level psychology and visual perception concepts that often pertain to usability. Prerequisites: Computer Science 142 or Computer Science 221, and Math 201 or Math 301 or Econ 210 or Psychology 203, and junior standing.

- **Computer Science 350** 1 unit (cr.)

Ethical Issues in Computing

A study of the evolution of computing, its implications for society, and the ethical issues underlying those implications. This course will focus on reading the current literature regarding these issues and on presenting the pros and cons of such issues in both oral and written fashion. The course is required for all Computer Science majors in the Computer Science Emphasis and is strongly recommended for all Computer Science majors. Prerequisite: Junior Standing. Departmental permission is required to register.

- **Computer Science 361** 3 units (crs.)

Database Systems

An introduction to database processing with emphasis on database techniques, design, and modeling. Programming projects include implementation of selected database processing methods and the use of database software. Prerequisite: Computer Science 271 with a grade of C or better. (Spring)

- **Computer Science 371** 3 units (crs.)

Computer Graphics

An introduction to the mathematics, data structures, and algorithms used to create both 2D and 3D graphical output. 2D topics include viewing transformation, clipping, scan conversion, geometric transformations, hierarchical modeling and animation. 3D topics include projections, viewing systems, back face culling, polygon clipping, wireframe images, visible surface algorithms, Phong reflection model, Gouraud and Phong shading techniques, color dithering, color quantization, ray tracing and Bezier patches. Prerequisite: Computer Science 262 and Mathematics 171 or Math 206 each with a grade of C or better. 371/571

- **Computer Science 381** 3 units (crs.)

Introduction to the Theory of Computing

An introduction to the basic concepts in the theory of computing. Topics covered will include automata theory, formal languages, Turing machines, the Chomsky Hierarchy, and undecidability. Prerequisite: Computer Science 271, and Mathematics 212 or Mathematics 222 all with a grade of C or better.

- **Computer Science 391** 3 units (crs.)

Data Communication and Computer Networks

An introductory course which covers the basic concepts in data communication and computer networks. Topics covered will include the nature of data communication, characteristics of computer networks, the ISO-OSI network protocol layers, error detection and correction codes, and network performance considerations. Prerequisite: Computer Science 251, Computer Science 271 and Mathematics 212 each with a grade of C or better. 391/591

- **Computer Science 399** 3 units (crs.)

Internship in Computer Science

An internship experience with a cooperating organization or corporation to provide on-the-job learning. Internships may be arranged at any time. Prerequisites: 75 credits toward graduation, at least six credits of 300-400 level Computer Science courses. Concurrent registration in Intrdscp 208 (Professional Career Skills in Math and Natural Science, 1 credit) or completion of Intrdscp 208 with a passing grade.

- **Computer Science 421** 4 units (crs.)

Operating Systems

An introduction to operating systems concepts. Topics covered include: interrupts, memory allocation, virtual memory techniques, process scheduling and synchronization, deadlocks, resource allocation, and file systems. A major programming project will be assigned to provide experience with operating system design. Prerequisite: Computer Science 271 and Mathematics 212 each with a grade of C or better. (Spring)

- **Computer Science 431** 4 units (crs.)

Compilers

An introduction to compiler writing techniques for translating a higher level programming source language into a lower level target language. Topics to be covered include: definition of programming languages, lexical and syntactic analysis, low level code generation and optimization, run time systems, and error detection, reporting, and recovery. A major programming project will be assigned to provide experience with compiler design. Prerequisite: Computer Science 251, Computer Science 331 and Mathematics 212 each with a grade of C or better. (Fall)

- **Computer Science 446** 1-3 units (crs.)

Computer Science Independent Study

See Independent Study under Course and Academic Advisement information for general course description, general prerequisites, and proper contract from requirements.

- **Computer Science 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

- **Computer Science 480** 3 units (crs.)

Special Topics in Advanced Computer Science

A topic of current interest in computer science will be investigated by faculty and qualified students. In addition to lectures by faculty, the students will be responsible for research and presentation of selected aspects of the topic. The course may be repeated for credit if the topic is different, and the student has the consent of department. Graduate students will be required to do an extra programming project or paper. Prerequisite: Junior-level standing and consent of the instructor.

- **Computer Science 490** 3 units (crs.)

Practicum in Computer Science

A project oriented course that brings together the material learned in previous computer science courses. The student will investigate and solve a problem(s) under the supervision of a faculty member. Prerequisites: 75 credits toward graduation, at least six credits of 300-400 level Computer Science courses. Concurrent registration in Intrdscp 208 (Professional Career Skills in Math and Natural Science, 1 credit) or completion of Intrdscp 208 with a passing grade.

- **Computer Science 499** 0-0 units (crs.)

Computer Science Assessment

Students will take the Educational Testing Service Major Field Test (MFT) in Computer Science. Required of all students in the Computer Science Emphasis. Those who take the test will receive a passing grade. Prerequisite: Standing final semester of senior year or department consent. Pass/Fail course.

Continuing Education & Extension, Office of

Philosophy

Options for life-long learning for the population of Northeastern Wisconsin are presented year-round through the Office of Continuing Education and Extension. A tradition of innovative programming provides educational opportunities dealing in a wide variety of professional, academic and personal interest areas. Opportunities range from one-day workshops to semester-long traditional courses and include the following formats:

- Open discussions of trends and issues in contemporary society offered through non-unit (cr.) classes on and off campus in which participants of all ages and backgrounds join university professors in the relaxed, informal exchange of ideas and responses to current events;
- Conferences, institutes, workshops and in-service seminars held on campus and throughout the region;
- Instructional formats that accommodate work schedules and commuters;
- A variety of instructional methods such as self-paced, individualized, radio and television, and the educational telephone network;

The Office of Continuing Education and Extension acknowledges the completion of course work by awarding nationally recognized standardized credit such as Continuing Education Units (CEU) for appropriate audiences; Continuing Education Hours (CEH) for social workers and counselors; Continuing Education Contact Hours (CECH) for certified health specialists and unique credit options for other professionals. Many professionals can use these credits for licensing and certification.

The Office of Continuing Education and Extension works with individuals, civic and professional groups, area industries, public schools and other sources in identifying community needs and interests. It then draws upon the resources of the University as well as the University of Wisconsin Extension system in shaping an appropriate response to those needs. As an outreach arm of the University of Wisconsin Oshkosh, the opportunities and options available through the Office of Continuing Education and Extension are limited only by the boundaries of imagination.

For more information visit www.uwosh.edu/cont_ed/.

Criminal Justice

Information

D. Jones, S. Richards, Co-Chairpersons
Program Office: Clow Faculty 401
Telephone: 920-424-3230
Code 35 or CRIM JUS

Faculty

- Beck, Faggiani, Jones, Lenza, Richards, Rose

Degrees

- **Undergraduate:** A major in Criminal Justice can lead to the degrees: Bachelor of Arts; Bachelor of Science.
- **Graduate** Students who complete a major in Criminal Justice may wish to consider advanced study at the University of Wisconsin Oshkosh in the Master of Public Administration program. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Criminal Justice major is recommended for students who seek an understanding of the criminal justice system. The major is not intended to serve as a professional training program; rather it focuses on the legal, ethical, administrative, and behavioral aspects of the criminal justice system and its various parts.
3. **THE MINOR(S)**
 - The program offers one minor: Criminal Justice.

Admission/Graduation Requirements

- **Requirements for the Admission to the Criminal Justice Major:**

- A cumulative grade point average of 2.5 or greater upon a minimum of 30 units (crs.) will be required for acceptance in the Criminal Justice Major. The 30 units (crs.) must include:
 - Criminal Justice 110 Introduction to Criminal Justice Process 3 cr. (or 103 and permission from Criminal Justice Coordinator. **Note:** Criminal Justice 103 is for non-majors. Students who take 103 may petition the Criminal Justice Coordinator to enter the major without taking 110).
 - English 101 College English I 3 cr.
 - Mathematics requirement 3 cr.
 - Natural Science requirement 4 cr.
- Units (crs.) earned by students who have transferred to the University of Wisconsin Oshkosh will be included and evaluated on the same basis as units (crs.) earned at University of Wisconsin Oshkosh.
- **Requirements for Maintenance of Criminal Justice Major Status:**
 - Criminal Justice majors are expected to maintain a 2.5 grade point average or higher overall and a 2.75 grade point average or higher in their Criminal Justice courses; this includes courses taught by other academic units that are designated electives and/or requirements in the Criminal Justice Major.
 - Students expecting to enter and be retained in the Criminal Justice Major must complete their College English I and their General Education Mathematics requirements by the time that they have completed 60 unit (cr.) hours.
 - Students who fail to maintain the required standards will automatically be placed on probation. If they do not meet the required standards after one active term they will be dropped from the Program. They may apply for readmission to the Program only after they comply with Program standards. They may apply for readmission only once.
- **Graduation Requirements for a Criminal Justice Major:**
 - For a student to graduate with a Criminal Justice major, the student must meet all University, College, and Criminal Justice Major requirements; also the Criminal Justice major must possess a 2.50 grade point average on all academic course work and a 2.75 grade point average in all courses that count toward the major, with grades "C" or better.
- Exceptions to these provisions may be granted by the Admissions Committee of the Criminal Justice Program.

Required Core Courses

- **Criminal Justice**
 - Criminal Justice 110 Introduction to the Criminal Justice Process 3 cr. (or Criminal Justice 103 and permission from the Criminal Justice Coordinator).
 - Criminal Justice 270 Introductory Criminal Law 3 cr.
 - Criminal Justice 212 Managing Criminal Justice Organizations 3 cr. or Public Administration 221 Introduction to Public Administration 3 cr.
 - Criminal Justice 218 Adjudication Process in Criminal Process 3 cr.

- Criminal Justice 244 Correctional Process 3 cr.
- Criminal Justice 281 Elementary Statistics in Criminal Justice Research
- Criminal Justice 288 Police in Modern Society 3 cr.
- Criminal Justice 343 Quantitative Research Design or approved equivalent 3 cr.
- Criminal Justice 351 Theories of Crime 3 cr.
- Criminal Justice 358 Major Criminal Justice Issues 3 cr.
- **Comment:**
Criminal Justice 281 and 343 should be taken in the same semester. The final course taken should be Criminal Justice 358. In special circumstances with permission from the Criminal Justice Coordinator students majoring or minoring in Criminal Justice may substitute an appropriate social science statistics course (Economics 471, 473, Geography 380, 385, Political Science 245, Psychology 371, Sociology 381 or Social Work 340) for Criminal Justice 281 as a required core course in Criminal Justice.

The Major(s), with Emphasis and/or Options

1. CRIMINAL JUSTICE MAJOR

- **Required Units (crs.):** 45 Units (crs.)
- **Required Courses:** In addition to Core Courses: To earn a major in criminal justice the student in addition to successfully completing the core courses, must complete a minimum of nine credits of courses in Criminal Justice selected from the following list:
 - Criminal Justice 304, Criminal Investigation
 - Criminal Justice 319, Criminal Courts: Proof of Guilt
 - Criminal Justice 328, Criminal Courts Behavior
 - Criminal Justice 333, Illegal Bias in the Criminal Justice System
 - Criminal Justice 340, Police Administration
 - Criminal Justice 346, Community-Based Corrections
 - Criminal Justice 347, Juvenile Justice Systems
 - Criminal Justice 348, Law of Corrections
 - Criminal Justice 352, Organized Crime
 - Criminal Justice 375, Special Topics in Criminal Justice
 - Criminal Justice 396, Internship in Criminal Justice (Students must complete 90 credits, or permission of the Internship Coordinator)
 - Criminal Justice 446, Independent Study in Criminal Justice
- Plus a **maximum of 12** credits of cognate courses/electives offered by other departments.
- **Electives:** Up to 12 units (crs.) selected from the following list. This list does not include all courses that may be approved. Students should consult with their Criminal Justice Advisors about courses not on this list.
 - **Anthropology:** Anthropology 312, 324.
 - **Business:** Business Administration 314, 352, 363.
 - **Criminal Justice:** Criminal Justice 333, 352, 375, 446, 474
 - **Human Services:** Human Services 353, 415.

- **Interdisciplinary:** Interdisciplinary Studies 205, 312.
- **Political Science:** Political Science 225, 304, 306, 310, 392.
- **Public Administration:** Public Administration 307, 362,
- **Psychology:** Psychology 205, 291, 303, 324, 331, 355, 363, 367, 383, 481.
- **Social Work:** Social Work 333, 375, 410.
- **Sociology:** Sociology 311, 325, 331, 337, 351, 353, 355, 359, 361, 369, 373.
- **Urban Planning:** Urban and Regional Studies 425.
- **Comment:**
Students, with the permission of their criminal justice advisor, may take an internship in a criminal justice or related service agency. Up to 8 units (crs.) can be earned for this experience.

The Minor(s)

1. CRIMINAL JUSTICE MINOR

- **Required Units (crs.):** 21 units (crs.)
- **Required Courses:**
 - **Criminal Justice:** Criminal Justice 110 (or 103 with permission of Criminal Justice Coordinator), 212 (or Public Administration 221), 218, 244, 270, 288, 343.

Course Offerings

- **Criminal Justice 103** 3 units (crs.)

Introduction to the Criminal Justice Process (SS)

An introductory survey of the history, role, and structure of the American criminal justice process.

- **Criminal Justice 110** 3 units (crs.)

Introduction to Criminal Justice for Criminal Justice Majors

A beginning course in Criminal Justice designed to provide an understanding of the criminal justice system and to lay the foundation for additional work in the discipline. This course should be taken by students anticipating a major in criminal justice. Credit cannot be received for both Criminal Justice 103 and Criminal Justice 110.

- **Criminal Justice 212** 3 units (crs.)

Managing Criminal Justice Organizations (SS)

The study of administrative problems and issues as they relate to criminal justice organizations. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors).

- **Criminal Justice 218** 3 units (crs.)

Adjudication Process in Criminal Justice (SS)

An exploration of the criminal judicial process as distinguished from adjudication of civil disputes. Includes discussion of constitutional mandates and other aspects of justice administration in political and social institutions. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 244** 3 units (crs.)

Correctional Process (SS)

A survey of the correctional process; correctional objectives, alternatives, policies, and procedures; relationship between the correctional process and the crime control, rehabilitative, and due process models. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 270** 3 units (crs.)

Introductory Criminal Law (SS)

Inquiry into the categories of crimes, responsibility for crimes, limitations on criminal capacity, modifying circumstances and special defenses for criminal conduct.

- **Criminal Justice 281** 3 units (crs.)

Elementary Statistics in Criminal Justice Research (SS)

This course has been designed to introduce students to commonly used statistical tests in criminal justice research. Through this introduction, students will be equipped with the ability to conduct and interpret statistical analyses. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) and Math 104 or PBIS 187,188, 189 (recommended) or Math Placement Exam score higher than Math 104/PBIS or consent of department.

- **Criminal Justice 288** 3 units (crs.)

Police in Modern Society (SS)

An analysis of police roles, structure, and performance in American Society. A review of the interaction between economic, legal, political, psychological, and social forces and police behavior. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 304** 3 units (crs.)

Criminal Investigation (SS)

A survey of the techniques used for investigation of crime. Includes early developments and their effect on modern methods, interrelationships between scientific crime detection and professional skills of investigators, the proper care and handling of evidence for its useful introduction at criminal trials, and the impact of court decisions on police procedures. The course focuses on practical limitations on the effectiveness of crime investigation techniques. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 319** 3 units (crs.)

Criminal Courts: Proof of Guilt (SS)

Rules of evidence as they affect participants in criminal justice and the consequences for that system. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 328** 3 units (crs.)

Criminal Court Behavior (SS)

An analysis of the behavior of the principal actors in the criminal court process-prosecutors, judges, and defense attorneys. Court processes will be analyzed from an organizational perspective. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 331** 3 units (crs.)

Women and Crime

This course is the study of women and crime, including women as participants and victims of crime, and criminal justice professionals. The course explores the pathways by which women become involved in criminal behavior, the response of the criminal justice system, and the complex worlds women experience on the street and in prison. Cross-listed: Women's Studies 331/Criminal Justice 331. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Criminal Justice 103 (Introduction to Criminal Justice) or Criminal Justice 110 (Introduction to Criminal Justice for Majors) or consent of the department.

- **Criminal Justice 332** 3 units (crs.)

Violence: An Examination of the Institutional Foundations

In the United States predominant theories of violence focus on individualistic explanations as the root cause of violence while ignoring the broader and deeper role of social institutions in establishing and perpetuating policies and beliefs in utilizing violence to resolve political, social, and personal conflicts. Course will emphasize how societies can construct and apply less than human identities to individuals, racial or ethnic groups, or other nation states which then allow us to utilize forms of violence against them as "others". Course will include historical and theoretical reviews of slavery, slave law, lynching, death penalty, genocide's, economic violence, environmental violence and gendered violence, all of which disproportionately impact minority populations. Cross-listed Criminal Justice 332/Social Justice 332. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Criminal Justice 110, or Criminal Justice 103 or consent of instructor.

- **Criminal Justice 333** 3 units (crs.)

Illegal Bias in the Criminal Justice System (SS)

An examination of the extent of illegal biases in criminal justice practice. Students will be guided to confront their and others' attitudes shaped by racial, sexual, and sexual orientation biases. The primary goal is to teach a method of open discourse to negotiate these conflicts in an evolving culture. Cross-listed Criminal Justice 333/Social Justice 333. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of the department.

- **Criminal Justice 340** 3 units (crs.)

Police Administration (SS)

Focus is on theoretical principles as they relate to practice in complex organizations. Attention given to the interrelation of police, courts and correctional facilities as administrative units. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department. 340/540

- **Criminal Justice 341** 3 units (crs.)

Administration of Police Operations (SS)

Organizational functions, structures, processes and behavior as they relate to law enforcement agencies (exp. local police). An analysis of the administrative problems and practices associated

with the delivery of all manners of police services: crime prevention and control, conflict resolution, and general service. Operational police development. Implementation, and evaluation. Prerequisite: Criminal Justice 340 or consent of department. 341/541

- **Criminal Justice 343** 3 units (crs.)

Quantitative Research Design (SS)

Quantitative methods of empirical research and program evaluation in Criminal Justice; selection of appropriate quantitative methods and statistical tests; data analysis using computer facilities; research paper writing. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 346** 3 units (crs.)

Introduction to Community-Based Corrections (SS)

An overview of probation and parole services and other alternatives to incarceration for adult offenders. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 347** 3 units (crs.)

The Juvenile Justice System (SS)

The development and present structure of the juvenile justice system: legal structure, services, current policy issues. Survey of both community-based and institutional juvenile corrections. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 348** 3 units (crs.)

Law of Corrections (SS)

Examination of the rights of pretrial detainee and convicted offenders from detention through parole. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 351** 3 units (crs.)

Theories of Crime (SS)

An introduction to the study of crime, criminals, and crime theory. Substantive areas to be studied include (1) what is crime? and (2) what causes crime? Goals of the course are for students to: (1) develop an understanding of the complex relationship between crime and society; and (2) learn to identify underlying assumptions inherent in any societal approach to crime. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 352** 3 units (crs.)

Organized Crime (SS)

This course highlights (1) the nature, extent, and theoretical explanations of organized crime, (2) the business of organized crime, (3) the measures being taken to combat organized crime in the United States and around the world, and (4) differing world perspectives on organized crime. Prerequisite: Criminal Justice 103 and at least, Junior standing or consent of department.

- **Criminal Justice 353** 3 units (crs.)

Convict Criminology

Convict Criminology explores a new way of thinking about crime and corrections. This course examines the emerging field of convict criminology that consists primarily of essays and empirical research conducted and written by convicts, or ex-convicts, on their way to completing or already in possession of a Ph.D., or by enlightened academics who critique existing literature, policies, and practices, thus contributing to a new perspective in criminology, criminal justice,

corrections, and community corrections. Cross-listed Criminal Justice 353/Social Justice 353. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 358** 3 units (crs.)

Major Criminal Justice Issues (SS)

The administrative machinery of Criminal Justice in theory and practice. Critical examination of the roles of police, prosecution, courts, and correction in America today. Policy development implementation and evaluation with regard to key criminal justice issues. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of department.

- **Criminal Justice 375** 3 units (crs.)

Special Topics in Criminal Justice (SS)

A course on a topic not normally covered in the curriculum. Each time it is offered, the topic will be announced in the timetable. Prerequisite: Criminal Justice 103 and at least one of the following: Criminal Justice 218, 244 or 288 or consent of department.

- **Criminal Justice 396** 1-8 units (crs.)

Internship in Criminal Justice (SS)

Supervised field experience in a criminal justice agency (e.g., police department, prosecutor's office, or a correctional agency) accompanied by an analysis of the experience. Open only to students who have earned a minimum of 90 units (crs.). Prerequisite: Consent of department.

- **Criminal Justice 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisite, and proper contract form requirements.

- **Criminal Justice 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis'. Completed projects will be announced and presented to interested students and faculty. Maximum of 6 units (crs.). Prerequisite: University Honors status and junior standing or consent of department.

Economics

Information

M. Kevin McGee, Department Chair
Department Office: Sage Hall 2418
Department Telephone: 920-424-7155
Code 36 or ECON

Faculty

See the College of Business

Degrees

- **Undergraduate:** A major in Economics can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education, or Bachelor of Business Administration.
- **Graduate:** The Department does not offer a graduate program. However, students who complete a major in our Department may wish to consider advanced study at the University of Wisconsin-Oshkosh in these programs: Master's of Business Administration, Master's of Public Administration. For specifics, please see the University of Wisconsin-Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See the College of Business for a listing of their goal(s).
 2. **THE MAJOR(S)**
 - The Economics Department offers a choice of three emphases in the Bachelor of Science and Bachelor of Arts degree programs. These are the Quantitative Emphasis, International Emphasis and the General Emphasis. The College of Business also offers an Economics Major.
 3. **THE MINOR(S)**
 - The Economics Department offers one minor: Economics.
- **Comment:** The program of study in Economics is designed to prepare students for any of a variety of careers in the fields of economics, business, government, and higher education. Also a Major in Economics provides excellent preparation for post-graduate study in Economics, Business, and Law.

The Department of Public Instruction will license secondary education teacher candidates to teach Economics when such candidates have completed a major or minor in Economics in addition to all requirements for the Professional Education Program and a major or minor in another subject area.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.25 in all courses required for the Economics major or minor. Refer to the following Sections V. and VI. for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.

Required Core Courses

- **Economics**
 - Economics 204 Principles of Macroeconomics 3 cr. OR
 - Economics 209 Honors: Principles of Macroeconomics (Macro) 3 cr.
 - Economics 206 Principles of Microeconomics 3 cr. OR
 - Economics 208 Honors: Principles of Microeconomics (Micro) 3 cr.
 - Economics 210 Economic and Business Statistics 3 cr.
 - Economics 329 Intermediate Microeconomic Theory 3 cr.
 - Economics 331 Intermediate Macroeconomic Theory 3 cr.
- **Mathematics**
 - Mathematics 171 Calculus I 4 cr. OR BOTH
 - Mathematics 204 Mathematics for Business Analysis I 4 cr. AND
 - Mathematics 206 Mathematics for Business Analysis II 4 cr.

The Major(s), with Emphasis and/or Options

1. QUANTITATIVE EMPHASIS IN THE BACHELOR OF SCIENCE OR BACHELOR OF ARTS DEGREE

This program is recommended for students who wish to undertake postgraduate study in Economics or to pursue any career, which requires quantitative skills in economic analysis.

- **Required Units (crs.):** 36 units (crs.) in Economics minimum, plus completion of the Mathematics requirement.
- **Required Courses:** In addition to the Core Courses (15 units (crs.)):
- **Economics:**

- Requirement A: one of the following (3 units (crs.)): Economics 472 or 473;
- Requirement B: one of the following (3 units (crs.)): Economics 433, 460, 471, 472 or 473 (if not taken to satisfy requirement A);
- Requirement C: two of the following (6 units (crs.)): Economics 305, 403, 420, 460 (if not taken to satisfy requirement B).
- **Electives:** The student must complete an additional 9 credits in Economics, at the 300 or 400 level, in addition to the required courses, to complete the major.

2. GENERAL EMPHASIS IN THE BACHELOR OF SCIENCE OR BACHELOR OF ARTS DEGREE

This program is recommended for students who seek a broad knowledge of the field of economics but do not need the technical training necessary for quantitative analysis.

- **Required Units (crs.):** 33 units (crs.) in Economics minimum, plus completion of the Mathematics requirement.
- **Required Courses:** In addition to the Core Courses (15 units (crs.)):
- **Economics:** At least two of the following (6 units (crs.)): Economics 305, 403, 409, 420.
- **Other Requirements:** The student must complete a minor in an area related to his or her intellectual or career interest.
- **Electives:** The student must complete an additional 12 units (crs.) in Economics, at the 300 or 400 level, in addition to the required courses, to complete the major.

3. INTERNATIONAL EMPHASIS

This program is recommended for students who seek an International Emphasis for the Economics Major in the Bachelor of Science and Bachelor of Arts degrees.

- **Required Units (crs.):** 36 units (crs.) in Economics minimum, plus completion of the Mathematics requirement.
- **Required Courses:** In addition to the Core Courses
- **Economics:** Economics 420 or 421.
- **Electives:** In addition students must complete two of the following options:
 - A) Economics 319
 - B) Economics 410
 - C) Economics 426
 - D) Economics 427
 - E) Economics 428
 - F) Economics 436
 - G) an approved International Experience, usually arranged by the Office of International Education at UW Oshkosh.
- **Other Requirements:** The student must complete at least 3 units (crs.) in Economics 305, 403 or 409.
- **Other Requirements:** The students must complete an additional 9 units (crs.) in Economics, at the 300 or 400 level, in addition to the required courses, to complete the major.

The Minor(s)

1. ECONOMICS MINOR

- This program is recommended for students who are majoring in other fields such as Biology, Political Science, or Foreign Language and who wish to enhance their major with a valuable related minor in Economics.
- **Required Units (crs.):** 21 units (crs.) in Economics minimum, plus completion of the Mathematics Requirement.
- **Required Courses:** The Core Courses (15 units (crs.) in Economics, plus Math courses)
- **Electives:** The student must complete an additional 6 units (crs.) in Economics, at the 300 or 400 level, in addition to the core courses, to complete the minor.
- **Comments:** Education students pursuing an Economics Minor are required by their College to complete at least 22 units (crs.) in Economics.

Course Offerings

- **Economics 106** 3 units (crs.)

General Economics (SS)

Analysis of some of the major current issues in the American economy undertaken after a historical survey of the emergence of modern economic institutions. Not open to students with either Economics 206, 207, 208 or 209.

- **Economics 204** 3 units (crs.)

Principles of Macroeconomics (SS)

Economic role of the government sector; government expenditures and taxation; national income analysis; economic fluctuations; money and banking; economic growth; international economics. Prerequisite: Completion of a PBIS course, or concurrent enrollment in (or completion of) Math 104, 106, 108, or 204, or qualified to enroll in Math 171 via UW Placement Exam. Not open to students who have completed Economics 319-499.

- **Economics 206** 3 units (crs.)

Principles of Microeconomics (SS)

Features of the American economy; demand, supply and the price system; consumer theory, theory of the firm, market structure; distribution of income; environmental and energy problems; comparative economic systems. Prerequisite: Math 104, 108, 204 or 171 with a grade of C or better or qualified to enroll in Math 171 via UW Placement Exam. Not open to students who have completed Economics 319-499.

- **Economics 208** 3 units (crs.)

Honors: Principles of Microeconomics (SS)

Study of the system of production and distribution of goods and services in the American Economy. Topics include analysis of the operation of markets, consumer theory, production decisions, market structure, and the distribution of income. Emphasis is on study of economic policy and institutions. Prerequisite: Honors status and Math 104, 108, 204, or 171 with a grade of C or better or qualified to enroll in Math 171 via UW Placement Exam. Not open to students who have completed Economics 319-499.

- **Economics 209** 3 units (crs.)

Honors: Principles of Macroeconomics (SS)

Analysis of the factors that influence the level of employment, the rate of inflation, and the rate of growth of Gross Domestic Product. Topics include aggregate demand, aggregate supply, economic fluctuations, the role of money, fiscal and monetary policy, international trade, and productivity. Prerequisite: Honors status; and completion of a PBIS course, or concurrent enrollment in (or completion of) Math 104, 108, 204, or qualified to enroll in Math 171 via UW Placement Exam. Not open to students who have completed Economics 319-499.

- **Economics 210** 3 units (crs.)

Economic and Business Statistics (SS)

Descriptive methods; probability and inference; regression and correlation. Prerequisite: Mathematics 204 or 171 with a grade of C or better, or qualification for enrollment in Mathematics 171 via Math Placement exam. Not open to students who have completed Economics 472 or 473.

- **Economics 305** 3 units (crs.)

Money and Banking (SS)

Monetary systems and monetary policy; emphasis on the American banking system and the Federal Reserve System. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 307** 3 units (crs.)

Discrimination, Gender, and the Economy (ES) (SS)

Analysis of the experiences of women and ethnic minorities in the economy, extending the traditional interpretations of economic issues to the unique experiences of these groups. Economic tools will be developed, and then applied to such topics as Comparable Worth, Wage Determination, Occupational Choice and Segregation, Poverty, and the Criminal Justice System. Cross-listed: Economics 307/Women's Studies 307. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Economics 106, 204 or 209.

- **Economics 309** 3 units (crs.)

Marxian Economics (SS)

A survey of the economic writings of Karl Marx and some of the current literature influenced by Marx. Prerequisite: Junior standing and Economics 106, 204 or 209.

- **Economics 319** 3 units (crs.)

Economics of Less Developed Countries (NW) (SS)

Economic and institutional conditions of less developed countries; ideas and performance records of promoting socio-economic development. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 321** 3 units (crs.)

Labor Economics (SS)

Analysis of the economy's labor resource. Major topics include labor markets, workforce programs, economic security arrangements, the labor movement, and collective bargaining. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better. 321/521

- **Economics 329** 3 units (crs.)

Intermediate Microeconomic Theory (SS)

Theory of demand; pricing and output; allocation of resources; income distribution. Prerequisite: Mathematics 171 or both Mathematics 204 and 206, and a grade of C or better in Economics 204 or 209 and Economics 206 or 208.

- **Economics 331** 3 units (crs.)

Intermediate Macroeconomic Theory (SS)

Fundamentals of national income and product accounting; theory of the determination of income, output, employment, interest rate and price level; survey of economic growth models; application of fiscal and monetary policy. Prerequisite: Mathematics 171 or Mathematics 204 and 206, and a grade of C or better in Economics 204 or 209 and Economics 206 or 208.

- **Economics 339** 3 units (crs.)

Urban and Regional Economics and Policy (SS)

Location theory of economic activities; economics of urban sites and regions; analysis of urban-regional problems and policies. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better. 339/539

- **Economics 340** 3 units (crs.)

Economics of Sports (SS)

The purpose of this class is to familiarize students with basic economic concepts as they pertain to the economics of sports. Students will explore selected aspects of the sports business and be able to evaluate analytical arguments based on economic models as they pertain to sports issues. An emphasis will be placed on such topics as demand, cost, franchising, stadium attendance/finance, and labor markets. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 356** 3 units (crs.)

Economics of Food Production (SS)

Trends in agricultural production and prices; nature of agricultural markets and the implications for current and future food supply problems in the United States and the world. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 360** 3 units (crs.)

Environmental Economics and Policy (SS)

A study of environmental problems and their causes in a free market context. Economic policy alternatives are evaluated for solving pollution and other environmental problems. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 363** 3 units (crs.)

Growth and Development of the U.S. Economy (SS)

Development of the United States economy, from its English origins to present time. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 368** 3 units (crs.)

Health Care Economics (SS)

A study of the economic structure of the health care industry and health care problems in the United States. Emphasis on the delivery and pricing of health care as well as alternative public policies dealing with cost and distribution problems. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better. 368/568

- **Economics 380** 1-6 units (crs.)

Internship in Economics (SS)

A combination of individually guided study in economics and applied economic analysis in an internship experience. Prerequisite: Application and consent of department chair.

- **Economics 390** 3 units (crs.)

Transportation Economics (SS)

Analysis of organizational structures, operational characteristics, and managerial policies of railroads, motor carriers, domestic barge lines, airlines, and pipe lines. Emphasis on rates, services and public regulation. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 399** 3 units (crs.)

Special Topics in Economics (SS)

The study of a current topic of Economic interest, not normally covered in our curriculum. Course details will be available in the department office.

- **Economics 403** 3 units (crs.)

Public Sector Economics (SS)

Economics of federal, state and local governments; analysis of the effects of expenditures, taxes and subsidies; intergovernmental fiscal relations; efficiency and decision making in the public sector. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better. 403/603

- **Economics 409** 3 units (crs.)

History of Economic Thought (SS)

Development of economic ideas from early mercantilistic thought through the twentieth century. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 410** 3 units (crs.)

International Capital Markets (SS)

This course analyzes the economic issues and impacts of capital movements among nations. These issues include: open macroeconomic theory and policy, capital account imbalances, financial crises, exchange rate volatility, foreign direct investment, capital controls, monetary standards, emerging country impacts of capital mobility, monetary unions, and international regulatory regimes. Prerequisites: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better.

- **Economics 420** 3 units (crs.)

International Trade and Finance (SS)

Analysis of international trade, including the theory of free trade, the impact of trade barriers, and international trade organizations. Analysis of the international finance system, including the balance of payments, exchange markets, and exchange rate determination. Prerequisites: Economics 206 or 208 and Economics 204 or 209 with a grade of C or better.

- **Economics 421** 3 units (crs.)

Honors: International Trade and Finance (SS)

Analysis of international trade, including the theory of free trade, the impact of trade barriers, and international organizations. Analysis of international finance system, including the balance of payments, exchange markets, and macroeconomic policy in an open economy. Prerequisite: Economics 204 or 209 and Economics 206 or 208 with a grade of C or better. In addition, students are expected to be familiar with high school algebra and geometry because graphical analysis is very important in presenting and understanding the subject matter involved.

- **Economics 426** 3 units (crs.)

Economics of Latin America (SS)

This course analyzes the economic issues surrounding the economic policies and economic development of Latin American countries. We will examine the persistent barriers to economic development in Latin America, as well as the occasional success stories. Economic principles

will be used to understand the root balance of payments difficulties, exchange rate and debt crises, hyperinflation, dollarization, and geographical and income inequalities throughout the region. Also, the course will evaluate Latin American development policies ranging from the import-substituting industrialization policies of the 1950's to 1970's to the market-oriented reforms of the 1980's to the present. Aid policies and international monetary institution advice and plans will be examined. Prerequisite: Economics 206 or 208 and Economics 204 or 209 with a grade of C or better.

- **Economics 427** 3 units (crs.)

Economic & Social Development of Great Britain

This course analyzes the economic issues surrounding the economic and social development of Great Britain, focusing mainly on the areas England and Scotland. We will examine the historic perspectives of development and how those processes still affect current day economic life in the region. Our analysis will intertwine the history of both the social and economic, using economic principles to understand the current standard of living. We will begin our study with the ancient peoples of the area, from earliest times through the Roman occupation, the middle ages, the industrial revolution, and onward to the modern day. Prerequisites: Economics 206 or 208 and Economics 207 or 209 with a grade of C or better.

- **Economics 428** 3 units (crs.)

Economics of European Integration & Growth

This course covers the evolution of modern economic growth and development in Europe, emphasizing institutional change. Topics will be chosen to illustrate how theoretical frameworks are essential for understanding and evaluating both the past and the past's connections to the present and future. Prerequisites: Economics 206 or 208 and Economics 204 or 209 with a grade of C or better.

- **Economics 433** 3 units (crs.)

Managerial Economics (SS)

This course draws heavily on marginal economic analysis, quantitative optimization techniques, and statistical procedures to help management achieve established objectives. Management objectives are studied in a framework of short run profit maximization as well as in a long run framework. This long run theory of behavior encompasses a time dimension where the primary goal of a manager becomes wealth maximization rather than short run profit maximization. Finally, an important element in the class is the relationship between the firm and society. Managerial Economics clarifies the role firms play in society and identifies means of increasing their benefits to society. Prerequisite: Economics 204 or 209 and Economics 206 or 208; and Economics 210 or Math 301 with a grade of C or better in each class.

- **Economics 436** 3 units (crs.)

Comparative Economic Systems (SS)

An evaluation of existing and experimental economic systems in Europe, United States of America, transition economics, China and the Third World for their potential to meet anticipated future economic problems. Prerequisite: Economics 206 or 208 and Economics 204 or 209 with a grade of C or better.

- **Economics 437** 1.5 units (crs.)

Macroeconomic Forecasting and Policy Development

Students will learn how to forecast macroeconomic conditions. In doing so, students will examine how consumer and business practices affect, and are in turn affected by, the current conditions and outlook for the U.S. economy. Basic statistical skills necessary to forecast

macroeconomic conditions will be taught. Students will analyze how the government's monetary policy practices and government decision-making is based on such macroeconomic forecasts. As a team, the students will present a recommended macroeconomic policy to a board of economists at the Chicago Federal Reserve Bank. Prerequisite: Economics 204 or 209 and Economics 206 or 208; and Economics 210 or Math 301 with a grade of C or better in each class.

- **Economics 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Economics 204 or 209 and Economics 206 or 208 with a grade of C or better and consent of department chair.

- **Economics 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Economics 204 or 209 and Economics 206 or 208 with a grade of C or better and consent of department chair.

- **Economics 460** 3 units (crs.)

Natural Resource Economics (SS)

An application of microeconomic principles to optimum use of land, water, energy, and other more specific resources. Alternative public policies are evaluated for the solution of resource allocation problems. Prerequisite: Economics 204 or 209 and Economics 206 or 208, with an average grade of C or better, and completion of the mathematics requirement for economics majors

- **Economics 466** 3 units (crs.)

Industrial Organization (SS)

Regulatory and promotional policies and programs of the Federal Government affecting the operation of the market system. Prerequisite: Economics 206 or 208 and Economics 204 or 209 with a grade of C or better.

- **Economics 471** 3 units (crs.)

Introduction to Mathematical Economics (SS)

The application of mathematical tools to economics with emphasis on the description and use of the tools; mathematical models of decision making and optimization. Prerequisites: Economics 204 or 209 and Economics 206 or 208, and Economics 329 and 331, with a grade of B or better in each class, and completion of the mathematics requirement for economics majors and permission of instructor. 471/671

- **Economics 472** 3 units (crs.)

Time Series Analysis and Forecasting

This class introduces a variety of methods to analyze time-series data and generate statistical forecasts. Analytical techniques such as seasonal and weighted averaging, exponential smoothing and auto-regressive moving averages will be studied. Students will work with computer software applications of real world economic and business problems to aid in development of decision-making skills. Prerequisites: Economics 210 or Math 301, with a grade of C or better.

- **Economics 473** 3 units (crs.)

Econometric Methods (SS)

An introduction to the statistical regression techniques widely used by researchers in Economics and Business Finance. Single and multiple regression of time-series and cross sectional data. Prerequisite: Economics 204 or 209 and Economics 206 or 208; and Economics 210 or Math 301 with a grade of C or better in each class. 473/673

- **Economics 474** *1-6 units (crs.)*

Honors Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Economics 206 or 208 and Economics 204 or 209 with a grade of C or better. Maximum of 6 units (crs.).

- **Economics 499** *3 units (crs.)*

Senior Seminar in Economics (SS)

A seminar in applied economics which focuses on selected current economic problems. Prerequisite: Economics 204 or 209 and Economics 206 or 208 with a grade of C or better, Economics 329 and Economics 331 and a declared major in Economics.

Education and Human Services, College of

Information

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PHILOSOPHY OF THE COLLEGE

The College of Education and Human Services is committed to providing its students with quality instruction in degree programs that are designed to prepare graduates for employment in a variety of educational settings. The College is highly responsive to changing societal needs and provides programs, which enable students to obtain the broadest possible professional preparation, without sacrificing the depth of training, which is so essential to prospective employers.

Established over one hundred years ago, the College has developed an outstanding reputation based on the exceptional quality of its graduates.

Faculty

- Alderton, Bae, Beeth, Brunsell, Carrell, Chiang, Clark, Coleman-Mason, Cramer, Erdman, Fast, Fischer, Fleming, Fondrie, Ford, Garcia, Garrison, Gibson, Hagen, Hanks, Harper, Harris, Henn-Reinke, Hones, House, Kisubi, Lambert, Lemberger, Leung, Lindsey, Liske, Manzi, Mason-Williams, McCall, Meyerson, Parks, Petronicolos, Reljic, Rose, Rossiter, Rylance, Saginak, K., Saginak, M., Scanlan, Scofield, Simmons, Skoning, Smith, Strauch-Nelson, Swanger, Tipps, Wineberg

Degrees

- **Undergraduate:** A major in Education or Human Services can lead to the degree Bachelor of Science in Education or Bachelor of Science in Human Services. Music Education majors earn the Bachelor of Music Education; Art Education majors earn the Bachelor of Fine Arts.
- **Graduate:** Students who complete a major in the College may want to continue in a graduate program, leading to the degrees Master of Science, Master of Science in Education, or students may wish to consider advanced study in other Colleges at the University of Wisconsin Oshkosh. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See individual departments for a listing of their goals.
2. **THE MAJOR(S)**
 - The College offers 9 majors. These are: 1) Elementary Education: Early Childhood to Middle Childhood (birth to age 11) and Middle Childhood to Early

Adolescence (age 6 to approx. 12-13), 2) Special Education Cross Categorical (Cognitive Disabilities [CD], Emotional/Behavioral Disorders [ED], and Learning Disabilities [LD]), 3) Dual: Regular Education Early Childhood-Middle Childhood (birth to age 11), and Special Education Early Childhood (birth to age 8), 4) Dual: Regular Education Middle Childhood to Early Adolescence (6 to 13) and Special Education Cross Categorical (CD, ED, LD), 5) Broadfield Social Science, 6) Broadfield Natural Science, 7) English as a Second Language (ESL), 8) Human Services Leadership, (9) Physical Education.

- The College does not offer a Secondary Education major as such. It does provide programs leading to licensure to teach at the Early Adolescence to Adolescence (age 10 to 21) and Early Childhood to Adolescence (birth to age 21) levels. The University of Wisconsin Oshkosh offers programs for teacher licensure within the following areas: Adapted Physical Education (minor), Art (major), Bilingual Education: Hmong (minor), Bilingual Education: Spanish (minor), Biology (major/minor), Chemistry (major/minor), Computer Science (minor), Earth Science (major/minor), Economics (minor), English (major/minor), English as a Second Language (major/minor), Environmental Studies (minor), French (major/minor), Geography (major/minor), German (major/minor), School Health Education (minor), History (major/minor), Journalism (minor), Library Science (minor), Mathematics (major/minor), Music Education (major), Natural Science-Broadfield (major), Physical Education (major), Physics (major/minor), Political Science (minor), Psychology (minor), Social Science-Broadfield (major), Sociology (minor), Spanish (major/minor), Speech Communication Education (major/minor), Theatre Education (minor).

3. **THE MINOR(S)**

- The College offers 10 minors in Elementary Education: Early Childhood to Middle Childhood (birth to age 11) and Middle Childhood to Early Adolescent (age 6 to approx. 12-13). They are: 1) Language Arts, 2) Science, 3) Social Science, 4) English as a Second Language, 5) Bilingual Education Hmong, 6) Bilingual Education Spanish, 7) Library Science, and 8) Reading, 9) School Health Education, 10) Adapted Physical Education.
- Licensable minors in Elementary Education: Early Childhood to Middle Childhood (birth to age 11) and Middle Childhood to Early Adolescence (age 6 to approx. 12-13) offered by departments in the College of Letters and Science are as follows: Environmental Studies, French, Geography, German, School Health Education, History, Mathematics, Sociology, Spanish and Speech Communication-Elementary Education Emphasis or Education Emphasis.

4. **PROFESSIONAL EDUCATION PROGRAM**

- The Professional Education Program has been designed to provide an undergraduate degree and licensure in four and one half to five years. The program provides high performance standards, with strong liberal arts components, and professional education requirements including extensive field experience requirements, additional licensure alternatives, entrance (Praxis I/PPST) and exit (Praxis II) testing, and post licensure follow-up.

- The academic calendar consists of 14 week terms with 3-week interims and summer school options. This provides opportunities for students to complete an undergraduate degree and licensure through varied plans.
- The program provides undergraduate degrees for Regular Education: Early Childhood to Middle Childhood (birth to age 11), Middle Childhood to Early Adolescence (age 6 to approx. 12-13), Early Adolescence to Adolescence (age 10 to 21), or Early Childhood to Adolescence (birth to age 21); for Special Education: Middle Childhood to Early Adolescence (age 6 to approx. 12-13), Early Adolescence to Adolescence (age 10 to 21), or Middle Childhood to Adolescence (age 6 to 21); for Regular and Special Education Dual: Early Childhood to Middle Childhood with Early Childhood Special Education (ECSE) or Middle Childhood to Early Adolescence (age 6 to approx. 12-13) with Special Education Cross Categorical (CD, ED, LD).

5. **COOPERATIVE URBAN TEACHER EDUCATION PROGRAM**

- Cultural diversity is increasing in urban school districts, in the Fox Valley and throughout the country. Thus, the University of Wisconsin Oshkosh and Milwaukee Area Technical College have joined together to offer the Cooperative Urban Teacher Education Program to talented students who wish to become teachers. Black, Hispanic, American Indian and Asian students are especially encouraged to consider the cooperative program. Students of color who are eligible for admission to the general education program at MATC and want to become teachers may enroll.
- The program offers students the opportunity to begin their college education in their own backyard. When students join the Cooperative Teacher Education Program, they enroll in the General Education Curriculum at MATC in liberal arts coursework, level 200 and above. Students may earn an Associate of Arts degree at MATC or may earn a minimum of 40 term hours of unit (cr.) to be eligible to enroll in upper-level courses at the University of Wisconsin Oshkosh.
- After completion of a minimum of 45 term hours of unit (cr.) at MATC, students then enroll at the University of Wisconsin Oshkosh. An additional two to three years of coursework is needed to complete the program, depending upon the students' class standing when they transferred to the University of Wisconsin Oshkosh. Upon successful completion of the program, students receive a bachelor's degree in education and are eligible to apply for Wisconsin State Teacher Licensure.
- Students who meet the requirements outlined in IV. Admission/Graduation Requirements, will be considered for admission to the College of Education and Human Services at the University of Wisconsin Oshkosh. Admission to the University of Wisconsin Oshkosh does not guarantee admission to the Professional Education Program (PEP) in the College of Education and Human Services. There are a limited number of students admitted biannually. Direct questions to the Director of PEP, Nur/Ed 113.
- **Benefits of the Cooperative Program include:**
 - Continuous interaction with faculty, staff and students from the University of Wisconsin Oshkosh and MATC regarding course selection and program requirements.

- An opportunity to become familiar with the University of Wisconsin Oshkosh before enrolling in classes.
 - Guaranteed equal consideration into the College of Education and Human Services at the University of Wisconsin Oshkosh upon successful completion of 40 term hours of unit (cr.) at MATC (as previously outlined).
 - For more information or to make arrangements for your visit, please contact the Admissions Office, Dempsey 135, University of Wisconsin Oshkosh, Oshkosh WI 54901-8602 or call 920-424-0202.
6. **ARTICULATION AGREEMENT BETWEEN COEHS HUMAN SERVICES LEADERSHIP PROGRAM AND FOX VALLEY TECHNICAL COLLEGE**
- Students who complete an associate degree in Alcohol or Other Drug Abuse at Fox Valley Technical College may transfer credits toward a BS degree in Human Services Leadership. For further information, please contact a human services leadership advisor in the Undergraduate Advising Resource Center, Dempsey 130, 920-424-1268.
7. **ARTICULATION AGREEMENT BETWEEN COEHS EARLY CHILDHOOD EDUCATION PROGRAM AND WISCONSIN TECHNICAL COLLEGE SYSTEM**
- WTCS students who successfully complete an Associate of Applied Science degree after July 1, 2001 in Early Childhood Education (WTCS statewide core curriculum) wishing to transfer to the University of Wisconsin Oshkosh will be awarded credits toward a BSE degree in Elementary Education (certification in Early Childhood to Middle Childhood). For further information, please contact an education advisor in the Undergraduate Advising Resource Center, Student Success Center, Suite 202, 920-424-1268.

Admission/Graduation Requirements

Students seeking admission to the College of Education and Human Services must meet the minimum requirements as listed below. Additional criteria for selecting students for various licensure programs may be required. Admission to the University of Wisconsin Oshkosh does not guarantee admission to the Professional Education Program (PEP) in the College of Education and Human Services. There are a limited number of students admitted biannually. Direct questions to the Director of PEP, N/E 113.

Any student, undergraduate or graduate, seeking admission to any program in the College of Education and Human Services with a field experience component must submit a disclosure statement and a receipt for a criminal background check, with the application materials before being permitted to enter the field.

THE PROFESSIONAL EDUCATION PROGRAM (PEP)

Consists of Admission, an Initial Portfolio, an Admission to Student Teaching Portfolio, Student Teaching, a Transition to Teaching Portfolio, Certification for Teacher Licensure and Graduation. Students must complete all requirements at each level. Current requirements are found in "A Handbook for Candidate Assessment Professional Education Program", which

students purchase at University Books and More in Reeve Union the semester they make application to the college.

ADMISSION TO THE COLLEGE OF EDUCATION:

Admission application materials are accepted two times during the academic year and are due to the PEP Office in N/E 113 on either September 15 or February 15. If these dates fall on a weekend, materials are due on the preceding Friday before September 15 or February 15. All requirements must be completed and submitted by the due date.

Eligibility Requirements

- Enrollment in coursework at UW Oshkosh or University of Wisconsin Colleges during the term in which application is made
- Licensure areas declared
- Program Entry Application Form for Admission
- 2.75 combined grade point average on 40 units (crs) or more
- Grade of “C” or better in Fundamentals of Speech
- Passing scores on Praxis I Pre-Professional Skills Test (PPST)
- Disclosure statement regarding criminal history
- Receipt permitting Criminal Background Check
- A clear TB Test within one year of application for admission
- Application Letter to the Professional Education Program

Pass Scores	Praxis I (PPST)	Reading - 175	Writing - 174	Mathematics - 173
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PRAXIS I (PPST) EXCEPTIONS POLICY: To be considered for the DPI allowable 10% exceptions, a student must meet all requirements listed below:

Exception One:

- Pass two parts of the test
- Miss the third part by no more than three points
- Take the part of the test not passed at least two times
- Provide a written statement indicating resources used to prepare for the test not passed
- Earned 2.75 Combined Grade Point Average

Documentation must be presented to the Professional Education Program Director, N/E 115, 920-424-0115, for official verification prior to the September 15 or February 15 Admission Application Deadline.

OR

Exception Two:

- Documentation of status as a student with a disability, an educational disadvantage, or primary language not English
- Take the part(s) of the test not passed at least two times
- Provide a written statement indicating resources used to prepare for the test not passed
- Provide comparable evidence of competency in math, writing and/or reading through appropriate course grades, life experiences, or additional test results
- Earned 2.75 Combined Grade Point Average

Documentation must be presented to and approved by the Culture and Diversity Committee prior to the September 15 or February 15 Admission Application Deadline. Contact the PEP Office at 920-424-0115 for more information.

INITIAL PORTFOLIO, ADMISSION TO STUDENT TEACHING PORTFOLIO AND TRANSITION TO TEACHING PORTFOLIO:

To ensure that all COEHS teacher education students, upon completion of their program, have gained a solid understanding of the Ten Wisconsin Standards for Teacher Development and Licensure, students complete a portfolio designed around those standards. Portfolios begin with Admission and follow through Transition To Teaching. They provide a sample of student work across time reflecting their progress, goals, and capabilities toward developing proficiency in the knowledge, skills and dispositions defined in Wisconsin's Ten Standards for Teacher Development and Licensure and aligned with the College of Education and Human Services Conceptual Model of the "Educator as a Caring Intellectual".

Portfolios are assessed at three distinct points in the Professional Education Program to determine readiness to move to the next level. These assessment points are identified as "Initial Portfolio", "Admission to Student Teaching Portfolio", and "Transition To Teaching Portfolio". All professional courses are aligned with the Ten Wisconsin Standards for Teacher Development and Licensure and course syllabi indicate which of the standards are addressed and assessed in course assignments. Portfolio artifacts can all be generated in professional education course work as the portfolio process is interwoven throughout the professional education course work.

Praxis II: Subject Assessments

Praxis II: Subject Assessment is a test that measures subject matter knowledge. It is not an exam about how you teach. It is an exam that assesses your knowledge about what you teach.

Depending on major/minor, students may need to take more than one test. Passing scores for each test have been established by the Wisconsin Department of Public Instruction (DPI). Official documentation of passing Praxis II scores for each licensure area must be presented to the Office of Field Experiences, N/E 113 with the Application for Student Teaching by the October 1 or March 1 deadline the semester preceding the student teaching semester. Official documentation of passing Praxis II scores are also included in the Admission to Student Teaching Portfolio.

Admission to the Practicum Semester in Special Education

The Practicum Semester is required for all Special Education and Dual Education Majors. Requirements include all of the Admission to the College of Education eligibility requirements listed above. Students make application to the Special Education Department, N/E 405. For application timelines, contact the department and check campus email for informational meeting dates.

Admission I to the Human Services Leadership Program

Students will be admitted into the Human Services Leadership Internship when the following requirements have been met:

- Major GPA of 2.75.
- Cumulative GPA of 2.50 and 65 units (crs.) earned.
- Completion of a minimum of three courses in the Human Services Leadership major, two of which must be Human Services 203 and 310. The third must be a program "core" course, either Human Services 320, 335 or 340.
- Recommendation by the Human Services Admissions Committee, independent of the course grades received by the applicant.

Applications will be reviewed and acted on by the Human Services Leadership Admissions Committee in March and October. Applications are due by October 1st for Spring and March 1st for Summer and Fall.

Exceptions to the above admissions policy will be made on an individual basis by appeal to and recommendation of the admissions committee.

Admission II to the Human Services Leadership-Advanced Internship

Students will be admitted into the Human Services Leadership Advanced Internship under the following conditions:

- Cumulative GPA of 2.75.
- Human Services major GPA of 3.00.
- Completion of the following courses:
 - Human Services 203 Introduction to Human Services
 - Human Services 310 Interpersonal Relations and Helping Professions
 - Human Services 320 Human Behavior and Strategies for Intervention
 - Human Services 325 Internship in Human Services
 - Human Services 335 Globalization in Human Services
 - Human Services 340 Social Issues, Solutions and Human Services
 - Human Services 360 Program Evaluation and Grant Writing
 - Human Services 385 Financial Sustainability in Non-Profit Organizations
 - Human Services 415 Legal and Ethical Aspects in Human Services
 - Human Services 440 Leadership and Decision-Making in Non-Profit Organizations*
- Recommendation by the Human Services Admissions Committee, independent of the course grades received by the applicant.
- Applications will be reviewed and acted on by the Human Services Leadership Admissions Committee in March and October. Applications are due by October 1st for Spring and March 1st for Summer and Fall.

*May be taken concurrently with Advanced Internship.

Comment:

The Human Services Leadership GPA will be calculated on all units (crs.) attempted in courses identified by the program as applicable to the Human Services Leadership major. Exceptions to the above admissions policy will be made on an individual basis by appeal to and recommendation of the admissions committee.

Required Core Courses

• LICENSURE REQUIREMENTS - COLLEGE OF EDUCATION AND HUMAN SERVICES PROSPECTIVE GRADUATES

Certification for licensure to teach in the public schools in the State of Wisconsin requires the completion of the Bachelor of Science in Education, or a Bachelor of Music Education or a Bachelor of Fine Arts degree requirements, plus the program and licensure requirements of the College of Education and Human Services and the Wisconsin Department of Public Instruction.

All College of Education and Human Services students should meet with their assigned academic or faculty advisor on a semester basis.

Some of the licensure programs require the completion of specific courses, which will also meet a portion of the General Education Requirements. Students should consult with their academic advisor and the grid "General Education Requirements by Degree" to make decisions about the

general education courses they take based on the Bachelor of Science in Education, Bachelor of Music Education or the Bachelor of Fine Arts degree requirements and personal interests.

- **Curriculum Core Courses, which consist of the following undergraduate course work:**
 - **Educational Foundations**
 - Educational Foundations 235 Child and Adolescent Development 3 cr.
 - Educational Foundations 380 Educational Psychology 3 cr.(except Special Education majors)
 - Educational Foundations 406 Foundations of Multicultural Education 3 cr.
 - Educational Foundations 408 Foundations of American Education 4 cr.
 - **Professional Leadership**
 - Educational Leadership 205 Introduction to Microcomputers in Education 1 cr.
 - Educational Leadership 325 Instructional Technology 3 cr.
 - **Special Education**
 - Special Education 352 Children and Youth with Disabilities in General Education 3 cr.
- **Additional licensure requirements include program specific coursework and assessment as determined by the Department of Public Instruction and the College of Education and Human Services.**
- **HUMAN RELATIONS CODE**

Licensure by the Department of Public Instruction also requires the completion of the Department of Public Instruction's Human Relations requirement. This requirement is fulfilled through undergraduate coursework and a field experience of direct involvement with approved community groups. Course instructors in the College of Education and Human Services provide information and procedures for meeting these requirements as well as placement opportunities for the field experience. The Human Relations Code must be completed prior to Admission to student teaching. The Human Relations requirement fulfills the General Education Ethnic Studies requirement for all education majors.
- **PRE-STUDENT TEACHING**

The requirement for on site supervised pre-student teaching clinical experiences are met in specific course work for each licensure area. Experiences occur in a variety of school settings.
- **STUDENT TEACHING**

The requirement for student teaching is a full-day, full-semester experience in conformance with the school year calendar of the cooperating school. Applications are available at information sessions provided by the Field Experience Office the semester preceding the student teaching semester.
- **Internships**

Internships are provided by participating districts in accordance with policies and procedures outlined by the Wisconsin Improvement Program (WIP). A separate application is necessary. Students must:

 - be enrolled in or have completed all undergraduate course work prior to student teaching and have a positive clinical experience recommendation without any noted deficiencies

- have at the time of application, a 3.50 professional GPA, and a 3.1 GPA in their major, minor, and cumulative.
- **Out of Area Student Teaching**
Out of Area Student Teaching can be approved by the respective departments for two compelling reasons: health or spousal relocation. A 3.25 professional GPA, and a 3.1 GPA in their major, minor and cumulative is required. A supervision fee is assessed.
- **Urban Field Experience**
In an effort to provide interested students with diverse field experiences, the College supports out of area placements in Milwaukee, Beloit, Racine, and Kenosha. Eligibility requirements are identical to the out of area criteria (see above).
- **International Student Teaching**
International Student Teaching is coordinated by the Educators Abroad Ltd based in Duluth, Minnesota and provides placements in over 40 countries. Eligibility requirements mirror the out of area policy stated above. A stateside placement is arranged prior to the overseas placement.
- **TEACHER LICENSURE**
- Students are eligible to apply for a teaching license upon successful completion of a full semester of student teaching and submission of the Transition to Teaching Portfolio.
- **GRADUATION**
Students apply for graduation the semester before they plan to graduate. Applications are available at www.uwosh.edu/registrar/graduation. Student records are checked by the graduation examiner. All graduation requirements must be completed by the final day of the term in which students wish to graduate.
- **PROGRAM SPECIFIC LICENSURE REQUIREMENTS FOR:**
EARLY CHILDHOOD-MIDDLE CHILDHOOD (Birth to age 8) and MIDDLE CHILDHOOD-EARLY ADOLESCENCE (age 6 to approx. 12-13) REGULAR EDUCATION (Elementary Education)
 The Regular Education curriculum may lead to licensure in Early Childhood to Middle Childhood (birth to age 11) and Middle Childhood to Early Adolescence (age 6 to 13). Students seeking licensure in an area of Regular Education and an area of Special Education should select the Dual (Regular and Special Education) Major. Early Childhood-Middle Childhood Majors may choose to pursue a licensable or a non-licensable minor. Middle Childhood-Early Adolescence Majors are required to pursue a licensable or a non-licensable minor. Students choosing a licensable minor will be licensed in that minor at the same level they have selected as their major with one exception. Students completing a minor in Library Science will be licensed in Early Childhood-Adolescence (birth-age 21) in that minor.
 The curriculum for all areas of Elementary Education consists of several components, including all requirements listed in the General Education requirements, Curriculum Core Courses, and Additional Licensure Requirements.
- **PROGRAM SPECIFIC LICENSURE REQUIREMENTS FOR:**
EARLY ADOLESCENCE TO ADOLESCENCE- REGULAR EDUCATION (age 10 to 21) AND EARLY CHILDHOOD THROUGH ADOLESCENCE-REGULAR EDUCATION (birth to age 21)

SECONDARY EDUCATION

The curriculum in Secondary Education may lead to licensure to teach in specific subject areas in

Early Adolescence to Adolescence (age 10 to 21) or Early Childhood to Adolescence (birth to age 21). While most academic majors lead to licensure to teach in Early Adolescence to Adolescence (age 10 to 21), the following majors provide licensure in Early Childhood to Adolescence (birth to age 21): Art, Music, Physical Education, and Foreign Language including English As a Second Language. All Secondary Education students have the option to choose a licensable or a non-licensable minor.

Factors to consider in selecting a major/minor are the student's aptitudes and interests. The job market is another worthwhile consideration. Students are required to discuss major/minor combinations with an advisor. Secondary Education Majors and Minors are listed in the Undergraduate Bulletin under II. DEGREES AND AREAS OF STUDY.

The curriculum for all areas of Secondary Education consists of several components, including all requirements listed in the General Education Requirements, Curriculum Core Courses, and Additional Licensure Requirements.

Additional course work is also required and varies in accordance with the content major and minor of licensure sought. Those requirements include:

1. Specific course work in humanities, mathematics, natural sciences and biology and the social sciences.
2. Specific course work in reading methods, major and minor specific methods and special education.
- **PROGRAM SPECIFIC LICENSURE REQUIREMENTS FOR:
SPECIAL EDUCATION**

The Special Education curriculum offers licensure in two areas: (1) Cross Categorical Special Education Licensure: Middle Childhood to Early Adolescence (age 6 to approx. 12-13) and (2) Cross Categorical Special Education Licensure: Early Adolescence to Adolescence (age 10 to 21). Early Childhood Special Education (birth to age 8) licensure is offered through the Dual Program.

The Cross Categorical Special Education licensure program prepares individuals to teach in a classroom serving students who are identified as having either LD, ED, or CD. In the Cross Categorical Special Education licensure program, students must complete a concentration in one of the disability categorical areas of LD, ED, or CD. The Cross Categorical licensure areas can be combined to create a multiple level licensure.

Early Childhood Special Education (ECSE) licensure prepares individuals to teach in classrooms serving children with disabilities birth to age 8.

- **Department of Special Education Student Achievement Goals**

Upon completion of a Special Education major, undergraduate students will be able to demonstrate 1) adequacy in the knowledge base for effectively teaching and managing individuals with exceptional education needs. Further, undergraduate students will demonstrate effective teaching strategies, professional qualities, and classroom management skills for individuals with exceptional education needs in field placements. 2) Knowledge and application of basic competencies in: (1) philosophical, historical, and legal foundations of special education; (2) characteristics of learners with exceptional education needs; (3) assessment, diagnosis, and evaluation; (4) instructional content and practice; (5) planning and managing the teaching and learning environment; (6) managing student behavior and social interaction skills; (7) communication and collaborative partnerships; (8) professionalism and ethical practices; and (9)

competence in written and oral communication, using appropriate special education terminology and concepts.

The curriculum for Special Education consists of several components, which include all requirements in General, Education Requirements, Curriculum Core Courses, Additional Licensure Requirements. Additional coursework is also required and varies in accordance with the developmental levels sought. Those requirements include:

- specific coursework in humanities, mathematics, natural sciences, social sciences and biology;
- specific coursework in reading methods, major and minor specific methods and special education.

- **LICENSURE REQUIREMENTS DUAL (ELEMENTARY AND SPECIAL EDUCATION)**

The Dual Elementary and Special Education Cross Categorical Major leads to licensure in one area of regular education and special education cross categorical (CD, ED, LD). Students may also be dually licensed in Early Childhood (birth to age 8) and Early Childhood Special Education (ECSE). Students in the Dual Major do not take an academically oriented minor.

The curriculum for all areas of the Dual Major consists of several components, which include all requirements listed in the section entitled “REQUIRED CORE COURSES.” Additional coursework is also required and varies with the areas of licensure: Early Childhood or Middle Childhood through Early Adolescence and ECSE or Special Education Cross Categorical [CD, ED, LD] Middle Childhood through Early Adolescence:

- specific coursework in health, humanities, human services and professional leadership, mathematics, music, natural sciences and biology, the social sciences and history;
- specific coursework in art methods, regular education, music methods, physical education methods, reading education, special education.

- **LICENSURE ONLY AND CERTIFICATION ONLY REQUIREMENTS - BACCALAUREATE DEGREE HOLDERS**

The College of Education and Human Services offers opportunities for individuals with non-teaching baccalaureate degrees to become licensed to teach in any of the programs offered (licensure program). Individuals with a bachelor's degree in a math or science field and 5 or more years of work experience in a field related to math or science may qualify for licensure through the Alternative Career's in Teaching program (ACT!). Individuals who are already licensed to teach are also able to extend their licensure to include additional developmental levels or a new major(s) or minor(s) (certification only program). Contact the EXCEL Center (920-424-3330 or www.uwosh.edu/excel/) to find out more about the steps to extend your license to a new developmental level or a new minor or major.

In elementary and secondary education the student can complete these programs at the undergraduate level. Students should contact an education advisor in the Undergraduate Advising Resource Center (UARC) at 920-424-1268 for information about licensure. Students wishing to be licensed in Special Education must enroll in the graduate program.

Where programs exist, the student should consider the advantages of completing a graduate program to meet the new educational standards. Contact the Graduate School Office, Dempsey 330, 920-424-1223, for information regarding the Special Education and additional education graduate programs.

Each person seeking licensure and/or certification in the above context is usually unique and therefore the requirements to be met cannot be listed here. Students seeking licensure or certification at the elementary or secondary levels should apply for undergraduate admission to the University and furnish official undergraduate transcripts of all collegiate level work. Upon acceptance by the University, an evaluation of transcripts will be done and a Titan Transfer advising session appointment will be scheduled. For Special Education students, the unit (cr.) check is done by the graduate coordinator in the Special Education Department and all advisement is handled by that department (920-424-3421). For graduate level elementary students, the unit (cr.) check is done by the graduate coordinator in the Curriculum and Instruction Department and all advisement is handled by the department (920-424-2477).

The Major(s), with Emphasis and/or Options

1. Elementary Education

Early Childhood through Middle Childhood (birth to age 11)

The Early Childhood through Middle Childhood Major leads to licensure to teach from birth to age 11. Students interested in teaching at pre-school developmental levels should choose this major. Students are not required to complete a content minor, but may choose to do so.

Required Units (crs): 46

Required courses in addition to the College of Education and Human Services Curriculum Core Courses:

- Elementary Education 304, 311, 312, 313, 314, 316, 317, 318, 322, 323, 360, 384
- Educational Leadership 302
- Reading 305, 420 or 440
- Art 355
- Music 319
- Health Education 401
- Physical Education 270

Middle Childhood through Early Adolescence (age 6-13)

The Middle Childhood through Early Adolescence Major leads to licensure to teach from the approximate ages of 6-13. Students interested in teaching at the middle school developmental levels should choose this major. Students are required to complete a licensable or non-licensable content minor.

Required Units (crs): 34

Required Courses in addition to the College of Education and Human Services Curriculum Core Courses:

- Elementary Education 311, 316, 317, 360, 384
- Educational Leadership 302

- Reading 305, 420 or 440
- Secondary Education 432
- Art 355
- Music 319
- Health Education 401
- Physical Education 270

2. Special Education (Cross Categorical – CD, ED, LD)

Required Units (crs): 39

Required courses in addition to the College of Education and Human Services Curriculum

Core Courses:

- Elementary Education 311, 384
- Reading 305
- Special Education 401, 406, 414, 431, 463, 470, 471, 480, 481
- Health Education 401
- Choose One: Elem Ed 316, 317, Ed Ldrsp 302, 303 or Music 319

3. Dual Early Childhood through Middle Childhood (Birth-age 11) Regular Education with Early Childhood Special Education (Birth-age 8)

Recommended for students who wish to be licensed to teach both in the regular education classroom and Special Education Cross Categorical.

Required Units (crs): 62

Required courses in addition to the College of Education and Human Services Curriculum

Core Courses:

- Elementary Education 311, 312, 313, 314, 316, 317, 322, 323, 360, 384
- Educational Leadership 302
- Reading 305, 420
- Art 355
- Music 319
- Health Education 401
- Physical Education 270
- Spec Ed 401, 406, 412, 413, 414, 463, 470

4. Dual Middle Childhood through Early Adolescence (age 6-13) Regular Education with Middle Childhood through Early Adolescence (age 6-13) Special Education

Recommended for students who wish to be licensed to teach both in the regular education classroom and Special Education Cross Categorical.

Required Units (crs): 57

Required courses in addition to the College of Education and Human Services Curriculum

Core Courses:

- Elementary Education 311, 316, 317, 360, 384
- Educational Leadership 302
- Reading 305, 410
- Art 355
- Music 319
- Secondary Education 432
- Health Education 401
- Physical Education 270
- Spec Ed 401, 406, 414, 463, 470, 471, 480, 481

All Special Education and Dual Majors complete a Practicum Semester of the following courses: Special Education 353, 370, 380, 381.

5. Broadfield Natural Science

Recommended for students who wish Broadfield Natural Science licensure to teach at the Early Adolescence to Adolescence Level (age 10-21).

Required Units (crs.): 60 minimum

Required Courses: 54 units (crs.) in science to include:

- A minor in one of the following areas of science: Biology (25 cr.), Chemistry (23 cr.), Earth Science (32 cr.) or Physics (25 cr.).
- A minimum of 14 units (crs.) in one of the above science areas which has not been selected for the minor and a minimum of 8 units (crs.) in each of the two remaining science areas.
- A minimum of 6 units (crs.) of Mathematics at the level of Mathematics 103 and Mathematics 104 or above (not included in the 54 units (crs.)).
- Environmental education requirement (completion of one of the following courses): Biology 104 or 349, Chemistry 103, Environmental Studies 101, Geography 314 or Geology 150.
- **Electives:** Sufficient to meet the Minimum Requirement. All electives must be science courses.

6. Broadfield Social Science

Recommended for students who wish Broadfield Social Science licensure to teach at the Early Adolescence to Adolescence Level (age 10 to 21).

Required Units (crs.): 54 minimum

Required Course of Study: Students complete a **minor** in one of the six social sciences:

- Economics (21 units)
- Geography (22 units)
- History (24 units)
- Political Science (24 units)
- Psychology (21 units)
- Sociology (24 units)

In addition to the **minor**, students are to complete coursework from the remaining social science areas to total a minimum of 33 units (crs.)

Requirement for the 33 credit minimum include:

- A minimum of 3 units (crs.) of coursework in each of the remaining social sciences.
- A minimum of 9 units (crs.) of coursework in each of the two social science areas other than the minor.

7. English As A Second Language (ESL)

The English as a Second Language Major leads to licensure at the Early Childhood-Adolescence (birth-age 21) level. The University of Wisconsin Oshkosh strongly recommends that ESL majors have minors in the natural sciences, the social sciences, or math. This content area licensure has been strongly recommended by area school districts for teachers who wish to be hired, as it will increase their effectiveness in meeting the academic needs of second language learners. Some school districts require licensure in math, social studies, or science, to be hired as an ESL teacher.

In addition, English as a Second Language majors are recommended to consider the following in making the decision to pursue a minor:

- Examine which courses are currently offered in elementary, middle and high school, then choose a minor on the basis of what is actually taught.
- Many districts also look favorably on a minor, which honors cultural diversity.
- A second minor in Bilingual Education/Hmong or Bilingual Education/Spanish is recommended for students who are fluent in Hmong or Spanish.
- Recommended Minors with ESL Major:
 - Natural Sciences: Biology, Chemistry, Earth Science, Physics
 - Social Sciences: Economics, Geography, History, Political Science, Psychology, Sociology
 - Math

Required Units (crs.): 33 minimum

Required Courses:

- **Education**
 - Elem Ed/Sec Ed 348, 349, 351, 352, 353, 377
 - Elementary Education 311
 - English 383
- **One of the following:**
 - English 301, 341, 384, 452
 - Spanish 307
- **Two of the following:**
 - Elementary Education 316, 317, 384
 - Secondary Education 341

Note: Elem Ed/Sec Ed 346 and Sec Ed 374 do not count in 33 units (crs.) required.

8. Human Services Leadership

Recommended for students who are preparing for, or currently hold, positions in human service agencies and institutions.

- **Required Units (crs.):** 40 minimum
- **Required Courses:**
 - **Human Services:** Human Services 203, 310, 320, 325, 335, 340, 360, 385, 415, 420, 421, 422, 440
- In addition to the regular day classes, most major coursework is offered periodically during the evening.
- **Other Requirements:** 3 units (crs.) taken from the following approved list of courses:
 - Human Services 111
 - Human Services/Women's Studies 353
 - Any upper level (300 or 400) Human Services courses not previously used
 - Educational Foundations 377
 - Health Education 310
 - Political Science 321
 - Psychology 331
 - Sociology 321
 - Sociology/Women's Studies 339

9. Physical Education

Physical Education PreK-12 Teacher Preparation Emphasis

Recommended for students who are interested in teaching Physical Education in grades PreK-12.

- **Core Courses:**
 - Biology 211 Human Anatomy 3 cr.
 - Biology 212 Human Physiology 4 cr.
 - Kinesiology 280 Biomechanics 3 cr.
 - Kinesiology 350 Physiology of Exercise 3 cr.
 - Kinesiology 370 Principles of Strength Training and Conditioning 3 cr.
- **Prerequisites:** For all students in the Physical Education PreK-12 Teacher Preparation Emphasis: Biology 211 must be taken prior to Kinesiology 280; Biology 212 must be taken prior to Kinesiology 350.
Kinesiology 280 and Physical Education 375 are to be taken in the same semester in the Physical Education PreK-12 Teacher Preparation Emphasis.
- **Required Units (crs.):** 55 minimum
- **Required Courses:** In addition to the Core Courses:
 - Kinesiology 104
 - Physical Education 190, 191, 192, 193, 224, 266, 279, 295, 373, 375, 393, 394, 421, 441, 460, 472
 - Three credits of Physical Education electives at the 200, 300 or 400 level.
- **Other Requirements:** The following courses are required but do not count as part of the 54 unit (cr.) total:
 - Physical Education 105, 392
 - **Note:** A student may choose between taking the course Kinesiology 104 or receive an equivalent certification from a recognized agency. In the latter case, one credit will be waived.
 - **Comment:**
The Wisconsin Department of Public Instruction will license students to teach physical education in pre-kindergarten through grade 12 and to coach athletics upon completion of the Bachelor of Science in Education curriculum of the College of Education and Human Services.

Note: The Department of Kinesiology-Kinesiology (abbreviated Kineslgy). The Department of Human Kinetics and Health Education-Physical Education (abbreviated Phy Ed) and Health Education (abbreviated Hlth Edu).

The Minor(s)

1. ELEMENTARY LANGUAGE ARTS

- Recommended for students who wish to concentrate on the general area of language arts. This minor can be taken only in combination with the major in Elementary Education.
- **Required Units (crs.):** 23 minimum
- **Required Core Courses:** 14 units (crs.) from the following list of courses: Elementary Education 375, Reading Education 305, Reading Education 410;

Educational Leadership 358 and Communication 267 or 447.

Additional Core Requirements: 3 units (crs.) From Reading 420 or 440.

- **Electives:** 6 units (crs.) Choose one course from two categories:
 - Educational Leadership 303.
 - Journalism 141, 221, 250.
 - Language-English 301, 383, 384.
 - Literature-English 218, 219, 220, 221, 222, 224.
 - Performance-Communication 265, 303, 318, 441; Theatre 389, 465.

2. ELEMENTARY SCIENCE

- Recommended for students who desire a strong natural science background for teaching in elementary schools. This minor can be taken only in combination with the major in Elementary Education.
- **Required Units (crs.):** 21 minimum
- **Additional Requirements:** In addition to the natural science courses required in their licensure program, students must select and complete a minimum of 21 units (crs.) from the following departments: Biology, Chemistry, Geography (Physical Geography courses only), Geology, and Physics/Astronomy. A minimum of three units (crs.) must be selected from each of the listed departments.
- Select from the following courses:
 - Biology 104, 105, 106, 230, 231.
 - Chemistry 101, 102, 103, 104, 105, 106.
 - Geography 121, 122, 335, 342, 363, 364.
 - Geology 102 or 150, 109, 205, 328, 335, 360.
 - Physics/Astronomy 103, 104, 107, 108, 109, 110; Physical Science 101.

3. ELEMENTARY SOCIAL SCIENCE

- Recommended for students who desire a strong social science background for teaching in elementary schools. This minor can be taken only in combination with the major in Elementary Education.
- **Required Units (crs.):** 24 minimum
Required Course:
History: History 341
- **Other Requirements:**
 - 3 units (crs.) History 101, 102, 201, 202.
 - 6 units (crs.) Geography 111 or 316, 213 or 377, 311, 313, 314.
 - 6 units (crs.) Political Science-any Political Science course. Note: May not take both Political Science 105 and 175.
 - 3 units (crs.) in each of the following: Any Economics(SS)course-excluding Economics 427 and 428; Any Sociology course-excluding Sociology 281 and 446.

4. ENGLISH AS A SECOND LANGUAGE (ESL)

- Recommended for students who desire strong English as a Second Language background for teaching in elementary or secondary schools. This minor can be taken only in combination with the major in Elementary Education or with licensure in Early Adolescence to Adolescence (age 10 to 21). ESL minors should also consider a Bilingual Education minor.

- **Required Units (crs.):** 21 minimum
- **Required Courses:**
 - **Elem Ed/Sec Ed:** Verified Language Learning Requirement or Elementary Education/Secondary Education 300.
 - **Curriculum and Instruction:** Elementary/Secondary Education 346, 348, 351, 352, and 353 or 377.
 - English 383.
- **Other Requirements:**
 - 3 units (crs.) from the following list of courses: English 301, 341, 384, 452; Spanish 307.
 - 3 units (crs.) from the following list of courses: Anthropology 122, 232, 274, 312; Geography 111, 316; History 358, 382; International Studies 321; Political Science 304; Religious Studies 102; Spanish 334, 335.
 - Student teaching.

5. BILINGUAL EDUCATION HMONG

- Recommended for students who are fluent in English and Hmong who desire a strong background in Bilingual Education for teaching in elementary or secondary schools. This minor can be taken only in combination with the major in Elementary Education, with licensure in Middle Childhood to Early Adolescence (age 6 to 13), with licensure in Foreign Language Education. All other majors should see an Education Advisor regarding their eligibility for this minor. Fluency in Hmong and English is a prerequisite for this minor. See an Education Advisor for assistance.
- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - Elementary Education/Secondary Education 300
 - Elementary/ Secondary Education 346, 348, 349, 351, 352, 353
 - English 383
- **Other Requirements:**
 - 3 units (crs.) from the following list of courses: English 301, 341, 384, 452; Spanish 307.
 - 3 units (crs.) from the following list of courses: Anthropology 122, 232, 274, 312; Geography 111, 316; History 358, 382; International Studies 321; Political Science 304; Religious Studies 102; Spanish 334, 335.
 - Student teaching.

6. BILINGUAL EDUCATION SPANISH

- Recommended for students who are fluent in Spanish and English and who desire a strong background in Bilingual Education for teaching in elementary or secondary schools. This minor can be taken only as a second minor if combined with a foreign language major, including ESL.
- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - : Elementary Education/Secondary Education 300

- Elementary/ Secondary Education 346, 348, 349, 351, 352, 377
- English 383
- **Other Requirements:**
 - 3 units (crs.) from the following list of courses: English 301, 341, 384, 452; Spanish 307.
 - 3 units (crs.) from the following list of courses: Anthropology 122, 232, 274, 312; Geography 111, 316; History 358, 382; International Studies 321; Political Science 304; Religious Studies 102; Spanish 334, 335.
 - Student teaching.

7. LIBRARY SCIENCE

- Recommended for students who wish to be licensed to work in a school library/media program. Completion of this minor and appropriate student teaching experience will license the student as Initial Instructional Library Media Specialist (901). This is a five-year non-renewable license. Information on requirements for additional licensure may be obtained from the Department Chairperson.
- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Library Science:** Educational Leadership 302, 303, 304, 317, 321, 325, 329, 334
 - **Curriculum and Instruction:** Elementary Education 453 or Secondary Education 453.

8. ELEMENTARY READING

- **Required Units (crs.):** 22 minimum
- **Required Courses:**
 - **Reading:** 305, 410, 420, 440, 453, 462
 - **Electives 6 units (crs.):** Choose two courses from the following list:
 - Educational Leadership 303, 304
 - Elementary Education 375, 348, 351, 352

Note: All courses require Admission I except Elementary Education 348 and 352.

All College of Education and Human Services majors should review and utilize the appropriate planning sheet(s), which can be obtained from the Undergraduate Advising Resource Center (UARC) in Dempsey 130 or visit the UARC web site at www.uwosh.edu/advising.

9. SCHOOL HEALTH EDUCATION MINOR

Recommended for students who are interested in teaching health.

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - Biology 211;
 - Kinesiology 104 (or equivalent);
 - Health Education 106, 211, 221, 222, 240, 308, 315
- **Electives:** A minimum 2 units (crs.) to meet the Minimum Requirement to be selected from these studies:

- Health Education 310, 410, 440, 442, 446, 456

10. ADAPTED PHYSICAL EDUCATION MINOR AND CERTIFICATION (#860 LICENSE)

This licensure is recommended for students who are interested in teaching physical education to special education students in the schools in conjunction with a Physical Education PreK-12 Teacher Preparation Emphasis. It is a licensure which may be obtained only in conjunction with a Physical Education PreK-12 Teacher Preparation Emphasis.

- **Required Units (crs.):** 25 minimum
 - Physical Education 373, 374, 375, 376, 380, 422, 424, 482
 - Special Education 352/552; 381/581
- **Comment:**
Five of the above credits are already required in the Physical Education PreK-12 Teacher Preparation Emphasis.

Course Offerings

COUNSELOR EDUCATION

- **Counseling - Professional 101** 2 units (crs.)

Introduction to Higher Education for First-Year Students

An introduction to the nature of higher education and a general orientation to the functions and resources of the University with the purpose of facilitating a positive adjustment to the first year of college. Students will explore the purposes of the General Education curriculum, develop an understanding of the teaching/learning process, learn to use campus resources effectively, engage in self-assessment and goal-setting, initiate a personal development plan, and learn effective behavior, time, and money management strategies. This course is intended for students in their first semester of college. Prerequisites: Limited to students who have earned 15 or fewer college credits. Students with more than 15 earned credits require department consent.

- **Counseling - Professional 201** 1 unit (cr.)

Academic and Career Exploration

This course is recommended for all students who are undecided about an academic program and career choice. Through the process of self-exploration, they will learn how to match personal interests and expectations with satisfying academic and career options. Students will assess themselves, research academic and career alternatives, and make decisions based on timely and factual information. Prerequisite: Less than 45 credits or Consent of instructor. Special fee: \$15.00

- **Counseling - Professional 202** 1 unit (cr.)

Career Planning and Implementation

This seven-week course combines lecture, discussion and collaborative group work to assist a student in preparing for professional internship and professional work experiences. The focus is on self-understanding, implementing current career information, decision-making skills, forming an action plan, creating a resume/cover letter and developing interviewing skills. Students will also learn the importance of researching companies and how to conduct an effective job/internship search. Special fee: \$30.00

EDUCATIONAL FOUNDATIONS

- **Educational Foundations 102** 2 units (crs.)

Introduction to Education as a Career

This course is designed as an exploration of the profession of teaching and the foundations of our American Educational System. The material covered will include information for students who are considering teaching as a future career or for those who simply wish to learn more about key educational issues and policies. One component of the course will include class discussion seminar and the other component will be hands-on observational type field experience in local elementary, middle, and possibly secondary schools. Prerequisites: A 3.25 GPA or an ACT score of 24 or above or placement in the top quarter of graduating class.

- **Educational Foundations 235** 3 units (crs.)

Child and Adolescent Development

Principles, theories, and methods of study of childhood and adolescence from prenatal development through graduation from high school Physical, motor, cognitive, emotional, social, and moral development are studied. Applications of knowledge to working with, nurturing, and helping children and adolescents learn in educational settings are emphasized. Prerequisite: 2.75 GPA.

- **Educational Foundations 310** 2 units (crs.)

Measurement and Evaluation in Education

Role of measurement and evaluation in educational decision making. Characteristics of acceptable measurement and evaluation procedures. Principles underlying utilization of commonly used standardized tests. Elementary statistical techniques used in the interpretation of test results. Constructing and using teacher-made tests. Methods of reporting student progress. Prerequisite: Admission I, Educational Foundations 280 or equivalent.

- **Educational Foundations 343** 3 units (crs.)

The Adult Learner

The biological, psychological, and social characteristics of the adult learner, including middle aged persons as well as those in later life. The intellectual abilities adults possess will be examined with specific references to educational processes. Prerequisite: Educational Foundations 235, 377 or equivalent. 343/543

- **Educational Foundations 350** 3 units (crs.)

Adolescent Psychology

A study of pre-adolescence and adolescence as a psycho-socio-cultural phenomenon. Emphasis will be placed upon the basic conflicts and adjustment patterns of adolescents. Contemporary interests and problems of pre-adolescents and adolescents in school situations will be stressed. Prerequisite: Advanced standing including Psychology 201. 350/550

- **Educational Foundations 377** 3 units (crs.)

Human Growth and Development

Study of theory and problems in the various areas of human development as interrelated phenomena. Psychological, social, emotional, intellectual, and physical development from infancy to maturity. Environmental factors will be emphasized. Prerequisite: Psychology 201.

- **Educational Foundations 380** 3 units (crs.)

Educational Psychology

The psychological study of the principles, theories and recent research findings of teaching that affect c The psychological study of the principles, theories and recent research findings of

teaching that affect classroom procedures. Included in the field of educational psychology are: theories and conditions of learning; theory and practice of motivation of students; classroom management, individual differences, basic assessment, and standardized testing. Emphasis in the broad concept of student diversity will be interwoven throughout the course. This course will build upon the fundamental understanding of cognitive, social/emotional, and moral development from Educational Foundations 235. Prerequisite: Educational Foundations 235, Child and Adolescent Development, or Psychology 291, Developmental Psychology and 2.75 GPA.

- **Educational Foundations 381** 3 units (crs.)

Honors: Educational Psychology

The psychological study of the principles, theories and recent research findings of teaching that affect classroom procedures. Included in the field of educational psychology are: theories and conditions of learning; theory and practice of motivation of students; classroom management, individual differences, basic assessment, and standardized testing. Emphasis in the broad concept of student diversity will be interwoven throughout the course. This course will build upon the fundamental understanding of cognitive, social/emotional, and moral development from the Child and Adolescent Development course (Educational Foundations 235). Prerequisites: Educational Foundations 235, Child and Adolescent Development or Psychology 291, Developmental Psychology. Enrolled in good standing with the UW Oshkosh Honors Program with prior or concurrent enrollment in Honors 175. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Educational Foundations 389** 3 units (crs.)

Education of Gifted and Talented Students

Issues in identifying, motivating, and providing for the learning of gifted and talented children and youth. Attention is given to creative processes taught on individual and group bases. 389/589

- **Educational Foundations 403** 3 units (crs.)

Foundations of the American School

Philosophical, socio-cultural and historical foundations of American education are explored through critical readings in theory and ideology. Historical and philosophical underpinnings of the creation of the modern American bureaucracy will be examined. Course requirements center on preparing students to understand the relationship of their personal educational philosophy to the larger educational system. Prerequisites: Admission I; 90 credits.

- **Educational Foundations 406** 3 units (crs.)

Foundations of Multicultural Education

This course is designed to develop an understanding of cultural processes and sensitivity to diverse cultural groups. Emphasis is on the historical and social issues surrounding the need for good multicultural education, and how multicultural education should be used as a tool to an equal educational opportunity for all students. Students cannot receive credit for both Ed Found 409 and 406. Prerequisites: Admissions I; 90 credits.

- **Educational Foundations 407** 3 units (crs.)

Education and Diverse Populations

This course deals with the educational needs of members of diverse populations (African-Americans, American Indians, Hispanic-Americans, Asian-Americans, disabled individuals, lower socio-economic and/or female persons) and related concerns they may face in the traditional educational settings. 407/607

- **Educational Foundations 408** 4 units (crs.)

Foundations of American Education

This course explores the philosophical, social, legal and historical foundations of American education. The course focuses on contemporary and historical thoughts and issues in American education as they relate to the larger society. Course participants will engage in a critical study of the schooling system and social order and reflect on the legal and ethical obligations of teachers in a democratic society. Prerequisites: Admission I, 90 credits.

- **Educational Foundations 409** 3 units (crs.)

Honors: Foundation of Multicultural Education

This course is designed to develop an understanding of cultural processes and sensitivity to diverse cultural groups. The course includes multicultural content as it relates to teaching, procedures for identifying various forms of bias in educational materials and teaching styles appropriate for culturally diverse learning styles. Students cannot receive credit for both Ed Found 409 and 406. Prerequisite: Admission I (Professional Education Program) and enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors and a non-honors course of the same title. (Educational Foundations 406 and Educational Foundations 409).

- **Educational Foundations 412** 3 units (crs.)

Teaching as a Profession: Legal and Ethical Aspects

This course will introduce aspiring teachers to various aspects of the profession, including what a profession is and how it may be differentiated from other occupations. The structure and various roles of school systems will be explored. Significant ethical and legal issues regarding teachers and students will be examined through case studies and analyses. Prerequisite: Admission I.

- **Educational Foundations 435** 2-3 units (crs.)

Human Development and Education

Consideration of major theories, principles, problems, issues, and recent research findings on human development. Physical, intellectual, social, and personality development throughout the lifespan will be examined in the context of education. One emphasis will be on students' reflections of their own development and their observations of the development of others. A second emphasis, related to the first, is how these reflections and observations may contribute to the development of children and adolescents under their care as whole persons. Students may enroll for 2 or 3 credits at either the undergraduate or graduate level. Prerequisite: Bachelor's degree or consent of instructor. 435/635

- **Educational Foundations 471** 2-3 units (crs.)

Learning Processes in Children

Reading and discussing a variety of new materials in the areas of early childhood learning and generating applications of research findings to working with children. Some areas discussed: learning in the newborn, learning to love and to fear, play, attitude conditioning, motivation for learning, self-concept development, Piaget, Montessori, cognitive growth, IQ change, approaches to teaching young children. Prerequisite: Educational Foundations 235 or equivalent. 471/671

- **Educational Foundations 474** 3-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study (e.g., a written thesis, scientific experiment, research project, creative arts exhibit or production). A proposal, to be attached to the Honors Thesis Contract, must show clear promise

of honors level work and be approved by a faculty thesis supervisor and his/her department chair as well as the University Honors Program Director. Course title for transcript will be "Honors Thesis." Completed thesis will be announced and presented to interested students and faculty. Prerequisite: University Honors Program and junior standing. Maximum of 6 units (crs.)

- **Educational Foundations 496** 1-3 units (crs.)

Independent Study

Supervised research or independent study in Educational Psychology. The outline of the student's proposal must be approved prior to registration. Prerequisite: Consent of instructor and department chairperson.

EDUCATIONAL LEADERSHIP

- **Educational Leadership 205** 1 unit (cr.)

Introduction to Computers in Education

An introduction to the use of the microcomputer as a tool of instruction. The major emphasis is on computer awareness and developing student confidence in using the computer as a learning and teaching tool. Internet searching and productivity tools including word processing, electronic presentations, and spreadsheets are explored.

- **Educational Leadership 302** 3 units (crs.)

Literature for Children

Literature for children aged three to twelve. Emphasis on: criteria for evaluation and aids for selection of materials; the reading interests, needs, and abilities of children; and reading, listening and viewing guidance in the classroom and in school and public libraries. Prerequisite: Admission I. 302/502

- **Educational Leadership 303** 3 units (crs.)

Literature for Young Adults

Criteria for evaluation and aids for selection of materials for young people aged thirteen to eighteen as well as extensive reading of the literature. Reading, listening and viewing guidance techniques appropriate for the classroom and for the school and public library. Prerequisite: Admission I. 303/503

- **Educational Leadership 304** 3 units (crs.)

Developing Information Literacy Skills

Preparing library media specialists to teach students information literacy skills (the ability to access, evaluate and use information from a variety of sources) through the study of the goals and methods of library/media instruction, and to integrate those skills into the curriculum.

- **Educational Leadership 308** 3 units (crs.)

Multimedia Design and Production

Directed experiences including: utilizing digital still photography and manipulation of digital images; creating audio Podcasts; applying intermediate web design tools including frames and cascading style sheets; employing hypermedia authorizing environments in educational settings; and/or other emerging technologies. Prerequisites: Successful completion of Educational Leadership 325/525 or equivalent technology class, or permission of instructor. Special course fees may apply. 308/508

- **Educational Leadership 317** 3 units (crs.)

Classification and Cataloging

Theory and principles of library classification and cataloging. Practical problems in classifying by the Dewey Decimal system; use of International Standard Bibliographic Description ((SBD); creation of MARC (machine-readable cataloging) records, and Sears subject access. 317/517

- **Educational Leadership 325** 3 units (crs.)

Instructional Technology

A basic course in the selection and utilization of media and computers in the teaching-learning process. Media technology is studied as a means of enhancing and improving learning.

Prerequisite: Admission I for PEP students and Educational Leadership 205. Special course fees may apply. 325/525

- **Educational Leadership 329** 3 units (crs.)

Collection Development and Reference Services

This course incorporates the principles and methods of evaluation and selection of print, non-print, reference, and on-line library materials. Emphasis is on standard selection sources, building adequate collections of learning materials, developing selection policies, and providing reference services. 329/529

- **Educational Leadership 334** 3 units (crs.)

Administration of the School Media Center

Techniques of administering the multi-media instructional materials center in elementary and secondary schools. Problems in planning facilities, equipment, personnel, budgets, services; investigation of current standards. 334/534

- **Educational Leadership 358** 3 units (crs.)

Multicultural Education Materials for Children and Adolescents

This course will introduce students to a variety of Multicultural books, non-print media and electronic databases for children and adolescents. It will prepare them to incorporate these materials into the curriculum of the K-12 classroom and into activities of the school media center. 358/558

- **Educational Leadership 375** 1-3 units (crs.)

Current Issues in Technology/Media

A series of discussions on current trends, issues, problems, and services in technology and media followed by class discussion. Theme will vary frequently. Course may be taken three times provided the subject of the course is not repeated. 375/575

- **Educational Leadership 420** 3 units (crs.)

Learning and Leading in Cyberspace

Integration of the Internet into classrooms to promote student learning is the focus of this course. Topics covered will include: electronic communication, the Internet, search engines and online searching, information literacy, legal and ethical issues, hardware and software requirements, web page design and evaluation, and development and delivery of instructional units which incorporate the Internet. Prerequisite: Educational Leadership 325/525 Instructional Technology, another technology class or consent of instructor. Special course fees may apply. 420/620

- **Educational Leadership 441** 1-3 units (crs.)

Instructional Strategies

The course focuses upon such instructional strategies as developing appropriate objectives, developing creative thinking, exercises in deductive and inductive thinking, methods of effective questioning, and techniques for clarifying values. The course is an introduction into the self-directed learning environment. 441/641

- **Educational Leadership 451** 1-3 units (crs.)

Field Tour of Libraries

Field tours to famous libraries to enable students to explore history, organization, services, and specialties of famous libraries in the U.S. or abroad. Each time the course is offered, it will involve libraries of a specific geographic area. (Offered in an interim when there is sufficient demand.) 451/651

- **Educational Leadership 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be "Honors Thesis." Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

- **Educational Leadership 496** 1-3 units (crs.)

Independent Study

An individual will conduct independent study to meet specific instructional needs not provided by current course requirements or offerings. Prerequisite: The outline of the student's proposal must be approved prior to registration.

ELEMENTARY EDUCATION

- **Elementary Education 201** 3 units (crs.)

Individual, School, and Society

This is an introductory course in education. Its purpose is to expand your understanding of schooling through an analysis of its many connections with the individual and society. This, in part, will be accomplished through a study of social, political, and economic forces in U.S. Society that have a direct bearing on schooling. Prerequisite: 2.75 GPA.

- **Elementary Education 300** 0 units (crs.)

Bilingual Language Fluency Assessment

Registration for and completion of the Bilingual Language Fluency Assessment is required in the first or second semester of enrollment in the Bilingual Licensure Program and prior to enrolling in core courses in this program.

- **Elementary Education 304** 2 units (crs.)

Practicum in Early Childhood Education

This course requires students to spend 60 hours in an early childhood setting. Students will be involved in guided observation tasks in order to gain experience in observation and reflections on children's growth and development. Students will have the opportunity to practice and reflect upon knowledge and skills acquired in the early childhood block of courses. Prerequisites: Elementary Education 201, Educational Foundations 380, and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322 and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block. Dual Early Childhood Special Education (ECSE) majors choose either Elementary Education 304 or Special Education for the Early Childhood Education Block.

- **Elementary Education 311** 3 units (crs.)

Teaching Languages Arts Pre-K-8

This course is planned for you to study teaching language arts, to provide practice using instructional materials, and to learn about evaluation strategies likely to enhance communication of all learners. An integrated and constructivist approach to reading, writing, speaking, listening, language study and language diversity will be provided. Prerequisite: Educational Foundations 380 or Special Education 470 (may be taken concurrently) and Admission I.

- **Elementary Education 312** 2 units (crs.)

Working With Infants and Toddlers and Their Families

This course examines relevant theories and practice pertaining to the care of infants and toddlers within the family setting and in group care programs. The relationship between best practices for care of infants and toddlers in community care and policies, which support them is considered as well. Students will design and evaluate curriculum activities appropriate for all children from birth to three years of age. Prerequisites: Elementary Education 201, Educational Foundations 380, and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322, and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block.

- **Elementary Education 313** 2 units (crs.)

Theories and Practices of Early Childhood Education

The needs and interests of children of preschool and kindergarten ages; the content of an activity program for the preschool and kindergarten. Emphasis on children's social, intellectual, physical, and emotional needs with suggestions of interest area and activities, which lead into the subjects included in the curriculum for the primary grades. Prerequisites: Elementary Education 201, Educational Foundations 380, and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322, and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block.

- **Elementary Education 314** 2 units (crs.)

Organization and Administration of Preschool Programs in Early Childhood Education

This course examines relevant theories and practices relating to the organization and management of quality early childhood education programs for children ages birth-8. It is expected that participants will: Develop an understanding of "quality early childhood education" and the values and attitudes necessary for this disposition; acquire an understanding of the steps involved in planning and implementing quality early childhood programs; acquire the knowledge and information necessary for administering early childhood programs; and develop specific skills and abilities necessary for successful administration of early childhood programs including: personnel management, business practices, health. Prerequisites: Elementary Education 201, Educational Foundations 380, and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322, and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block. 314/514

- **Elementary Education 316** 3 units (crs.)

Teaching Science and Environmental Education in the Elementary/Middle School

Provides the student with the knowledge of currently accepted goals of science and environmental education in the elementary/middle school. The examination, evaluation, and practice of techniques compatible with these goals are emphasized, and contemporary

elementary/middle school curricula are examined and evaluated. Prerequisite: Elementary Education 201, Educational Foundations 380, Admission I, Elementary Ed 311 and Elementary Ed 384 and Educational Leadership 325. Special fee: \$35.00.

- **Elementary Education 317** 3 units (crs.)

Teaching Social Studies Pre K - 8

This course is designed to study social studies teaching, to practice using instructional materials and to learn about evaluation strategies likely to enhance social studies knowledge construction and learning by early childhood, elementary and middle school pupils. It is also planned for students to study educational research and practice related to early childhood, elementary and middle level curriculum development in social studies. Emphasis is given to correlation with other school subjects. Prerequisite: Elementary Education 201, Educational Foundations 380, Admission I, Elementary Ed 311 and Elementary Ed 384 and Educational Leadership 325.

- **Elementary Education 318** 2 units (crs.)

Assessment in Early Childhood

This course is designed to address the theoretical and practical issues, practices, and techniques that would guide practitioners toward the meaningful assessment of preschool children. The course includes preschool cognitive assessment, family assessment, preschool screening, and intervention design. Prerequisite: Elementary Education 312, 313 and Educational Foundations 380 and Admission I.

- **Elementary Education 322** 2 units (crs.)

Curriculum & Methods For Young Children: Art, Creative Dramatics, Creative Movement & Music

Introduction to curriculum and methods for using expressive arts and the characteristics of play to enhance the development and learning of the children in an early childhood educational setting. Prerequisites: Elementary Education 201, Educational Foundations 380 and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322 and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block.

- **Elementary Education 323** 2 units (crs.)

Early Childhood Guidance And Behavior Management

This course is designed to help students understand the behavior and feelings of young children, learn how to understand and build positive behaviors and feelings, develop positive classroom environments for young children, and deal with their common behavioral and emotional problems particularly in classroom settings. Prerequisites: Elementary Education 201, Educational Foundations 380, and Admission I. Elementary Education 304, Elementary Education 312, Elementary Education 313, Elementary Education 314, Elementary Education 318, Elementary Education 322 and Elementary Education 323 should be taken concurrently as an Early Childhood Education Block.

- **Elementary Education 330** 1 unit (cr.)

Teaching Foreign Languages in the Elementary School

Study and practice of basic theory, approaches, and materials of teaching and learning a foreign language with special emphasis on the elementary school child and program. Prerequisite: Admission I. (Fall only).

- **Elementary Education 346** 3 units (crs.)

Methods of Teaching English as a Second Language

In this course we will review developments in second language theory and practice; explore ways to teach, and integrate, the skills of reading, writing, listening and speaking, both within ESL classes and in content-area instruction; survey a variety of approaches to ESL methods; discuss ways to focus on culture in language teaching, to create community among second language learners and to build bridges between schools and diverse linguistic and cultural communities; and address the needs of second language learner assessment and classroom management. Prerequisite: Admission I.

- **Elementary Education 348** 3 units (crs.)

Principles of Bilingual/Bicultural Education

In this course we will explore historical and political dimensions of bilingual/bicultural education, often from comparative perspectives; examine theoretical assumptions and recent research findings about learning through first and second languages; and discuss practical implications of critical theory and research for those who work with bilingual/bicultural children, adolescents, families and communities. 348/548

- **Elementary Education 349** 3 units (crs.)

Content Area Instruction Bilingual Education

In this course we will explore the theories, practices, and possibilities for bilingual education across content areas. We will examine the teaching of content area subjects to bilingual children and adolescents in both bilingual (first language) classrooms as well as mainstream classrooms. Students will thus have the chance to prepare for content area teaching in English as well as Hmong or Spanish. Prerequisite: Elem/Sec Ed 346 Methods of Teaching ESL, Elem/Sec Ed 348, Principles of Bilingual/Bicultural Education, Elem/Sec Ed 352, ESL and Multicultural Materials and Admission 1. 349/549

- **Elementary Education 351** 3 units (crs.)

Authentic Assessment for ESL/Bilingual Education

A seminar course relating to specific topics in the assessment of English language learners. The course will focus on developments in authentic placement, diagnostic and achievement language assessment, and the use of portfolio and performance assessment with English language learners. Various assessment tools (English and Spanish) will be reviewed. Prerequisite: Elementary Ed/Secondary Ed 346. 351/551

- **Elementary Education 352** 3 units (crs.)

ESL and Multicultural Materials, Elementary/Secondary

In this course we will review developments in second language theory and practice; explore ways to develop curriculum, and integrate the academic skills of reading, writing, listening and speaking in content-area instruction; survey, and critically analyze, a variety of ESL and multicultural materials for elementary and secondary instruction; discuss ways to focus on culture in the curriculum and address ways to connect curriculum to second language learner assessment and instruction. 352/552

- **Elementary Education 353** 3 units (crs.)

Hmong Language, Culture & Learning

Designed to familiarize educators and others with the language, culture and educational issues relevant to Hmong people in Wisconsin and the United States. Areas of exploration will include the nature of Hmong language, Hmong history, the traditional family and clan structure, child-rearing mores, healing practices, marriage and funeral practices, and educational beliefs and practices. Contemporary developments and adjustment issues within the Hmong communities will be discussed, especially school achievements and challenges, intergenerational conflicts,

youth gangs, and the need to provide high expectations and supportive educational environments for Hmong children, youth and families. Cross-listed: Elementary Education/Secondary Education 353. 353/553

- **Elementary Education 354** 3 units (crs.)

Fostering English Language Learner Achievement-Trial Course

This course is designed to give all teachers a working knowledge of how to foster success with an English language Learners (ELLs). In this course we will explore historical, political and legal dimensions in the education of linguistic minority students in the USA; discuss practical implications of critical theory and research for those who work with bilingual/bicultural children, adolescents, families and communities; review developments in second language theory and practice; explore use of the Sheltered Instruction Observation Protocol (SIOP) to develop curriculum; integrate the academic skills of reading, writing, listening, and speaking in content area instruction; explore effective links between culture and curriculum; and connect curriculum standards to second language learner instruction and assessment.

- **Elementary Education 360** 3 units (crs.)

Clinical Experiences in Teaching and Classroom Management

The course includes pre-student teaching experiences in elementary classrooms which provide students with opportunities for guided observations of teaching and classroom management strategies as well as planning, teaching and assessing lesson and unit plans in core academic subjects. Students must reflect on and learn from their teaching and assess their growth in meeting the ten Wisconsin teaching standards and aspects of the conceptual model of teachers as caring intellectuals. The concurrent seminar focuses on various approaches in building classroom community and a positive classroom climate, introducing different classroom management models and issues and dealing with such challenges as bullying and child abuse. Students complete Elementary Education 360 Clinical Experiences in Teaching and Classroom Management concurrently with Elementary Education 316 Teaching Science and Environmental Education in the Elementary and Middle School, Elementary Education 317 Teaching Social Studies PK-8 and Elementary Education 384 Teaching PK-8 Mathematics. Prerequisite: Admission I, Educational Foundations 380, Elementary Education 311, Reading 305, Educational Leadership 302 and Educational Leadership 325. (Pass/Fail course)

- **Elementary Education 375** 3 units (crs.)

Teaching Writing PK-8

A process approach to writing will be utilized to help students learn to teach writing PK-8. This will be a multi-genre course including instruction in expository and narrative writing. Multicultural and gendered dimensions of writing will be explored and writing across the curriculum as an instructional model will be examined. Students will reflect on the improving their own writing as they learn to teach writing to others. Prerequisite: Elementary Education 311 and Admission I.

- **Elementary Education 377** 3 units (crs.)

Latino(a) Language, Culture and Learning

This course is designed to familiarize educators and others with historical, cultural and educational issues relevant to Latinos (as) in Wisconsin and the United States. Areas of exploration will include elements of surface and deep level culture, as well as historical perspectives on Pre-Columbian Latin America, the European conquest, and contemporary Latino(a) experience. The role of ethnic pride as a factor in high-level student achievement will also be explored. Each of these areas will be explored in relation to the development of

biculturalism/multiculturalism within the English-Spanish bilingual classroom. The class will be conducted in Spanish and all assignments will be completed in Spanish.

- **Elementary Education 384** 3 units (crs.)

Teaching Mathematics Pre K - 8 Mathematics

The course is designed to study teaching, to practice using instructional materials and to learn about evaluation strategies likely to enhance mathematical knowledge construction and learning by early childhood, elementary and middle school pupils. It is also planned for students to study educational research and practice related to early childhood, elementary and middle level curriculum development in mathematics. Prerequisite: Educational Foundations 380 (may be taken concurrently), or Special Education 470 (may be taken concurrently), Admission I, Mathematics 110 and 211.

- **Elementary Education 400** 5 units (crs.)

Student Teaching in Elementary Education

Observation, participation, and responsible teaching experiences for student teachers and interns in grades 1-6 under supervision. Prerequisite: Admission II.

- **Elementary Education 401** 5 units (crs.)

Student Teaching in Elementary Education

Observation, participation, and responsible teaching experiences for student teachers and interns in grades 1-6 under supervision. Prerequisite: Admission II.

- **Elementary Education 404** 5 units (crs.)

ESL Student Teaching

In this field experience students will prepare and teach lessons, develop and modify materials for English language learners, reflect on learning and teaching, and show consideration and respect to both children and adults at school sites.

- **Elementary Education 405** 2 units (crs.)

Preschool, Elementary School and Middle School Student Teaching Seminar

Students will integrate teaching-learning theories as they apply to problems which occur in the classroom situations in which the student teacher or intern is working. Prerequisite: Admission II or applied for Admission II and concurrent enrollment in Elementary Education 400 and 401.

- **Elementary Education 406** 5 units (crs.)

Bilingual Education/ESL Student Teaching

In this field experience students will prepare and teach lessons, develop and modify materials for English language learners, reflect on learning and teaching, and show consideration and respect to both children and adults at school sites. Bilingual student teachers will prepare and teach lessons in two languages, and collect and modify materials for students in their first language.

- **Elementary Education 411** 2 units (crs.)

Early Childhood Education

Designed to study the major early childhood theories and programs in the field and the various types of families and children served by these programs. The course will focus on analysis of teaching practices, current trends, and decision-making in early childhood education. Students will engage in action research connecting the theory to the practice. Students will participate in professional/advocacy activities both for personal and professional growth for the benefit of children and families. Prerequisites: Education Foundations 235 or consent of instructor.

- **Elementary Education 424** 3-5 units (crs.)

Student Teaching Pre-Kindergarten

Observation, participation, and responsible teaching experiences in pre-kindergarten classes under supervision. Prerequisite: Admission II.

- **Elementary Education 425** 3-5 units (crs.)

Student Teaching in Kindergarten

Observation, participation and responsible teaching experiences in kindergarten under supervision. Prerequisite: Admission II.

- **Elementary Education 426** 5-10 units (crs.)

Internship Elementary Education PK-3

Internship placement for students seeking PK-3 licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Elementary Education 427** 5-10 units (crs.)

Internship Elementary Education PK-6

Internship placement for students seeking PK-6 licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Elementary Education 452** 3 units (crs.)

Student Teaching in Elementary Education PK-3/1-6/1-8

A student teaching experience for students wishing additional experiences related to teaching. Prerequisites: Admission to Student Teaching or Admission to the post-baccalaureate add-on licensure program.

- **Elementary Education 453** 5 units (crs.)

Student Teaching in Middle/Junior High School

Observation, participation, and responsible teaching experiences in middle/junior high school under supervision. Prerequisite: Admission II.

- **Elementary Education 454** 3-5 units (crs.)

Student Teaching in Elementary Education

Observation, participation, and responsible teaching experiences in grade 1 through grade 6 under supervision. Prerequisite: Admission II.

- **Elementary Education 455** 1 unit (cr.)

Preschool, Elementary School and Middle School Student Teaching Seminar

Students learn to apply principles of education to problems of discipline, selection of goals, and media for learning, guiding learning experiences and evaluation of outcomes, as these problems occur in the practical classroom situations in which the student teacher is working. This course must be taken in conjunction with student teaching. Prerequisite: Admission II.

- **Elementary Education 462** 5-10 units (crs.)

Internship Elementary Education 1-8

Internship placement for students seeking 1-8 licensure. Supervised observation, participation, and responsible teaching experiences. Prerequisite: Admission II.

- **Elementary Education 496** 1-3 units (crs.)

Independent Study

An independent study in Early Childhood/Elementary/Middle Level Education for students who would pursue in depth a basic idea in early childhood, elementary and middle level education. Prerequisite: Outline of proposed study presented to elementary faculty member, the student's advisor, the Department Chairperson, and the Associate Dean. (See Department Chairperson first.)

HEALTH EDUCATION

- **Health Education 106** 3 units (crs.)
Personal Health and Wellness (GE)
 Self-direction of health behavior. Mental health, drugs, disease, and sexuality with emphasis upon the relationship of the individual to the community.
- **Health Education 211** 3 units (crs.)
Nutrition and Weight Control
 A study of applied nutrition as it relates to body functions in health with parallel study of malnutrition. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.
- **Health Education 220** 2 units (crs.)
The School Health Program
 An examination of the essential divisions of the school health program. Emphasis placed upon educational, environmental, and health service functions desirable in the total school setting. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.
- **Health Education 221** 1 unit (cr.)
Health Promotion Programs - History and Philosophy
 A survey of the history and related philosophies of health promotion programs in both school and community health. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.
- **Health Education 222** 1 unit (cr.)
School Health Program: Curriculum Development
 An examination of the essential divisions of the school health program. Emphasis is placed upon the development of a comprehensive school health education curriculum. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.
- **Health Education 240** 3 units (crs.)
Human Sexuality (SS)
 The study of human sexual functioning which will include social, political, biological, and aesthetic components and application of these components in developing a mature understanding of one's own sexuality and the responsible use of sex in one's life. Cross-listed: Health Education 240/Women's Studies 240. Students may receive credit for only one of the two cross-listed courses.
- **Health Education 301** 1 unit (cr.)
Health Counseling and Appraisal
 Designed to give the prospective teacher an insight into the purpose of health appraisals of school children, the use of health records in health counseling techniques in observing for deviations from normal, counseling with pupils, parents, and teachers, and how to make referrals to private and public agencies. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.
- **Health Education 305** 2 units (crs.)
Field Experiences in Health
 Workshop course to emphasize use of available community resources in health education. Appropriate field trips scheduled. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 308** 3 units (crs.)

Instructional Strategies in Health

Examination of resource materials including texts, periodicals, pamphlets, audio visual aids and other contributions of agencies. Application of these materials to individual and group needs. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 310** 3 units (crs.)

Consumer Health

This course is designed to examine public health and disease prevention from a consumer/professional point of view and enable intelligent decision-making about how to obtain and use health related services, facilities, personnel, and products. The cost, availability, quality of care, and the relationship to political, economics, and social perspectives will be addressed. Identification of both the individual's and health promotion specialist's role with regard to accountability, responsibility and empowerment are an integral part of the course discussion. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 315** 3 units (crs.)

Environmental Health

Emphasis on educational approaches to environmental and community health problems. The role of the teacher in fostering a consciousness concerning these problems on the world, national, state and local levels. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 401** 2 units (crs.)

Health Education in the Elementary School

Various phases of the school health program, concepts in health, and elementary proficiency in emergency care procedures. Application of this information to the locality in which the teaching is to take place. Credit will not be given to Health Education Minors. Prerequisite: Admission I; Education majors only.

- **Health Education 402** 2 units (crs.)

Seminar in Health Education

Problems in health education in regard to health services, health environment and health instruction. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 403** 2 units (crs.)

Seminar in Community Health Education

Survey and analysis of current community health programs. Emphasis is placed on the nature of contemporary health problems, communicable and noncommunicable diseases, epidemiology, and theories and practices of community and government health organizations. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 405** 2 units (crs.)

Health Issues of the Secondary School

A study of current health issues confronted by secondary students; understanding of health problems including emergency care procedures. This course should not be taken by School Health Education minors. Prerequisite: Admission I; Education majors only.

- **Health Education 410** 3 units (crs.)

Current Health Issues

An in-depth study of current critical issues in health. Emphasis on utilizing all resources available on each issue for classroom presentation. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 440** 2 units (crs.)

Seminar in Death and Dying

An in-depth study of thanatological concerns with special emphasis on methods and materials of teaching the subject area. Development of appropriate knowledge, skills, attitudes, and values which serve as fundamental bases for the teaching of death and dying. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 442** 2 units (crs.)

Emotional Abuse in the Workplace

Today, emotional abuse in the workplace has become an expectable form of harassment and violence. Millions of men and women of all ages, ethnic, and racial backgrounds all across the United States experience emotional abuse in the workplace. This course will cover adult relational aggression, bullying and mobbing, laws surrounding harassment (other than sexual), conflict resolution, and the personalities of individuals who are abusive in the workplace. Participants will learn self-care, prevention/confrontation methods, and strategies for building workplaces free from undue stress, anxiety or fear from intimidation.

- **Health Education 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Health Education 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

HUMAN SERVICES

- **Human Services 111** 3 units (crs.)

Becoming a Person: Exploring the Self

A study of the individual in the environment, applying methods of psychology to understanding information provided by a review of the self. A description of various psychological models of personality, human learning, communications, and coping is followed by application of the various models to data from participants.

- **Human Services 203** 3 units (crs.)

Introduction to Human Services

A survey course introducing the roles, functions, history, and future of human service workers from a generic skills perspective. Provides opportunities for career exploration by initial field placement in the human services field. Prerequisite: Human Services major, minimum 2.5 GPA, minimum 56 units (crs) or department consent.

- **Human Services 310** 3 units (crs.)

Interpersonal Relations in the Helping Professions

Basic human services skills, including listening and interviewing, decision making and problem-solving strategies will be presented, discussed, demonstrated and practiced. Prerequisite: Completion of or concurrent enrollment in Human Services 203 and Human Services majors: Human Services 203 (may be taken concurrently).

- **Human Services 320** 3 units (crs.)

Human Behavior and Strategies For Intervention

This course presents a wide variety of theories and research findings. The theories cover both internal and external factors that influence human behavior. The main focus of the course is assessment in human services; that is, material is presented to help the student identify why people do what they do and to evaluate the strengths and deficits in an individual's development. Prerequisite: Completion of or concurrent enrollment in Human Services 203 and 310.

- **Human Services 325** 3 units (crs.)

Internship

Supervised experiences focusing upon human relations skills in human services. The student has the appropriate environment to observe, participate, and integrate accepted practice in human services. Prerequisites: Human Services 203, Human Services 310, a third Human Services core course (either 320, 335, or 340) for a total of 9 units, and Admission I.

- **Human Services 335** 3 units (crs.)

Globalization in Human Services

This course will examine the life chances and social welfare within a globalized political-economic context focusing on poverty and anti poverty development programs worldwide, as the major theme of study. It describes the impact of U.S. political, military and corporate policy on other nations. Students will develop a sense of self-understanding and cross-cultural awareness based on respect for differing ways of life. Prerequisite: Completion of or concurrent enrollment in Human Services 203 and 310.

- **Human Services 340** 3 units (crs.)

Social Issues and Solutions in Human Services

A course focuses on social situational analysis and human service program planning by collecting information about identified social issues/problems, synthesizing it by using the logical framework analysis as a tool that can be used in all human service projects at all stages- from design through implementation, monitoring and evaluation of all human services programs,

projects and other tools of advocacy. Prerequisite: Completion of or concurrent enrollment in Human Services 203 and 310.

- **Human Services 353** 3 units (crs.)

Domestic Violence (SS)

The course will familiarize students with the problem of domestic violence. Special emphasis will be given to spouse abuse, the cycle of violence, alternatives available to the victim, legal options, and counseling approaches used. Aspects of prevention, community intervention will be explored, along with the historical perspective and contributory factors such as sex-role stereotypes, social violence, and cultural norms. Cross-listed: Human Services 353/ Women's Studies 353. Students may receive credit for only one of the cross-listed courses.

- **Human Services 360** 3 units (crs.)

Program Evaluation and Grant Writing

Evaluation research is the process of using social science research methods to study, appraise and help improve programs in non-profit organization systems, governmental departments and businesses. Program Evaluation is an important component of strategic planning - working to improve the effectiveness of an organization. The ability to conduct an evaluation research will help to prepare you for leadership roles in the human services workplace. The ability to develop a Grant Proposal for program funding will provide you with opportunity to fund your proposed program plan. Prerequisite: Completion of or concurrent enrollment in Human Services 325. Completion of Human Services 340. Minimum GPA 2.5 Cumulative 2.75 major.

- **Human Services 375** 1-3 units (crs.)

Current Issues in Human Services

This course will consist of lectures, discussions and activities on current trends, issues, problems and services in the field of Human Services. Themes of the course number of credits will vary from 1-3 depending on specific issues/topics. Prerequisite: Junior Standing.

- **Human Services 377** 3 units (crs.)

Family and Community Advocacy

Studies the knowledge and develops the skills for acquiring power for families and communities through advocacy processes. Skills include outreach, use of public and private records, interacting with agency staff, documenting and analyzing problems, use of census reports and state and federal statutes writing press releases, letters to the editor and networking with other activists. 377/577

- **Human Services 385** 3 units (crs.)

Financial Sustainability in Non-Profit Organizations

This course is designed for students to develop knowledge and skills related to the diverse mix of funding streams that are necessary for the nonprofit to achieve sustainability. The course will cover the 501 (3) (c) reporting requirements, basic accounting information, marketing, investments, grants and other sources of income/support. The impact of economic trends will be reviewed. Prerequisite: Completion of or concurrent enrollment of Human Services 325.

- **Human Services 386** 1-3 units (crs.)

Psychology of Drug Use and Abuse (SS)

Surveys the psychological, sociological, medical, and legal facets of the drug use and abuse problem as it affects our society today. Emphasizes societal pressures which contribute to the problem, personality characteristics of drug abusers, the drugs most commonly abused, and research upon those drugs. Examines the orthodox and unorthodox treatment and rehabilitation

programs which are presently operating. Prerequisite: 6 units (crs.) of Psychology to include Psychology 201 or 204. 386/586

- **Human Services 411** 3 units (crs.)

Laboratory in Human Services Program Planning

Simulations, laboratory exercises and experiential learning techniques are used to develop program planning and program management skills in human services settings. Prerequisite: Human Services 320, 340 and 360.

- **Human Services 415** 3 units (crs.)

Legal and Ethical Aspects of Human Services

An introductory course providing an overview of the legal aspects in the field of human services and implications for the human services worker. Included are such topics as liability, confidentiality and privilege, records and rights of clients, due process and equal protection in terms of staff and clients, discrimination, and witnessing. A unit on ethics will also be included. Prerequisite: Human Services students only: Minimum GPA 2.5 Cumulative, 2.75 major.

- **Human Services 420** 3 units (crs.)

Advanced Internship

Supervised experiences which enable the student to observe, participate, and integrate accepted practice in the field of human services. Prerequisite: Completion of or concurrent enrollment in Human Services 440 and Admission II. Concurrent enrollment in Human Services 420/421/422 is required.

- **Human Services 421** 3 units (crs.)

Advanced Internship

Supervised experiences which enable the student to observe, participate, and integrate accepted practice in the field of human services. Prerequisite: Completion of or concurrent enrollment in Human Services 440 and Admission II. Concurrent enrollment in Human Services 420/421/422 is required.

- **Human Services 422** 1 unit (cr.)

Advanced Internship Seminar

This course is a seminar in which the student analyzes, integrates and evaluates his/her field experience. Discussion, readings and individual presentations are in the instructional methods. Prerequisite: Completion of or concurrent enrollment in Human Services 440 and Admission II. Concurrent enrollment in Human Services 420/421/422 is required.

- **Human Services 440** 3 units (crs.)

Leadership and Decision-Making in Non-Profit Organizations

This course will address theories, principles and practices of leadership in non-profit organizations. Students will explore strategies and leadership styles unique to organization, gender and culture. Focus will be on understanding all facets of leadership as it relates to nonprofit organizations and their stakeholders. Economic decision-making will be addressed as it is related to growth and viability, as well as organizational decline. Prerequisite: Completion of or concurrent enrollment in Human Services 325. May be taken concurrent to Human Services 420/421/422, Major Field Experience.

- **Human Services 496** 1-3 units (crs.)

Independent Study

An independent study in the Human Services Program for students who would pursue in depth an idea, process, or belief related to human services. Prerequisite: The outline of the student's proposal must be approved prior to registration.

PHYSICAL EDUCATION

- **Physical Education 103** 1 unit (cr.)

Jogging (PE)

This beginning jogging class is primarily concerned with improving cardiorespiratory function through jogging.

- **Physical Education 105** 2 units (crs.)

The Active Lifestyle (PE)

A contemporary examination of the effects of lifestyle, wellness, and health promotion on the individual. Instruction in procedures for self-evaluation as well as an individualized exercise program for the development of health fitness. Participation in a planned program of aerobic activity is required. This course meets the two unit (cr.) physical education requirement.

- **Physical Education 107** 1 unit (cr.)

Orientation to Physical Education

Physical education as a profession including professional preparation, scope, and contemporary issues. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Physical Education 112** 1 unit (cr.)

Racquetball (PE)

Development of the knowledge and skills of racquetball. One hour per week under instructor is required. Special fees may apply.

- **Physical Education 114** 1 unit (cr.)

Backpacking

The objective of this course is to improve your knowledge and skills in backpacking, but more importantly to learn to backpack safely. The course will require a minimum of backpacking equipment (hiking shoes and a backpack of approximately 3,000 cubic inches) in order to enroll. A special course fee of \$35 will apply for camping as well as trail fees.

- **Physical Education 120** 1 unit (cr.)

Beginning Golf (PE)

Emphasis on equipment, fundamentals of grip and swing, putting, chipping, and sand play. Special fees may apply. Pass/Fail

- **Physical Education 129** 1 unit (cr.)

Square and Social Dance (PE)

Beginning square dance and introductory social dance skills including foxtrot, waltz, tango, cha-cha, swing and country. Special fees may apply. Pass/Fail

- **Physical Education 132** 1 unit (cr.)

Beginning Judo (PE)

Introduction to the basic break fall, throwing and grappling skills and techniques in judo. Special fees may apply. Pass/Fail

- **Physical Education 133** 1 unit (cr.)

Canoeing (PE)

Introduction to basic river canoeing skills and safety. Prerequisite: Intermediate swimming ability. Pass/Fail

- **Physical Education 135** *1 unit (cr.)*
Sailing (PE)
 Introduction to basic safety, rigging and sailing of small boats. Prerequisite: Intermediate swimming ability. Special fees may apply. Pass/Fail
- **Physical Education 138** *1 unit (cr.)*
Beginning Badminton (PE)
 Emphasis on stroke production and skill development in the basic fundamentals of badminton, as well as knowledge and understanding of the rules and strategies of the game. Special fees may apply. Pass/Fail
- **Physical Education 140** *1 unit (cr.)*
Beginning Bowling (PE)
 Introduction to beginning bowling. Emphasis on basic skills, scoring, terminology, strategy, rules and etiquette. Special fees may apply. Pass/Fail
- **Physical Education 142** *1 unit (cr.)*
Volleyball (PE)
 Power volleyball techniques. Stress on competitive rather than recreational aspects. Pass/Fail
- **Physical Education 143** *1 unit (cr.)*
Cycling
 The purpose of this class is to teach students how to properly bike on off road trails as well as on the road with and without a group. An emphasis will be placed on safety. Minimum equipment required will be a bike (preferably a mountain bike).
- **Physical Education 144** *1 unit (cr.)*
Beginning Tennis (PE)
 Introduction to the basic fundamentals of tennis with emphasis on the forehand and backhand ground strokes as well as the basic serve and volley. Special fees may apply. Pass/Fail
- **Physical Education 145** *1 unit (cr.)*
Alpine Skiing and Snowboarding
 The purpose of this class is to teach students how to properly ski and snowboard on groomed trails. An emphasis will be placed on safety. Students need to provide own equipment and are responsible for any lift ticket/user fees.
- **Physical Education 148** *1 unit (cr.)*
Nordic Skiing (PE)
 Diagonal stride, skating, personal safety, physical principles of exercise, Telemark techniques, and opportunities for participation in cross country skiing. Special fees may apply. Pass/Fail
- **Physical Education 154** *1 unit (cr.)*
Aqua Aerobics (PE)
 Combining swimming movements and exercises into routines to music as a challenging and interesting way to develop a fitness program. Pass/Fail
- **Physical Education 163** *1 unit (cr.)*
Techniques of Scientific Relaxation (PE)
 The practice of relaxation skills which permits the release of tension and stress saves energy and increases efficiency in daily pursuits. Pass/Fail

- **Physical Education 174 1 unit (cr.)**
Aerobic Dance (PE)
 A combination of routines that mold dance steps, exercises and locomotor movements into a challenging fun-filled physical fitness program. Pass/Fail
- **Physical Education 190 2 units (crs.)**
Movement Activities/PreK-2
 Students will learn the critical elements of incorporating basic motor skills into creative activities. They will learn to teach lead-up games for nontraditional as well as traditional individual, dual and team sports. Included are games and activities using developmentally appropriate skills. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.
- **Physical Education 191 2 units (crs.)**
Innovative Games and Lead-Up Activities
 Students will become knowledgeable about the movement activities of PreK-2 children, their growth and development patterns, instructional methods, technological changes, and developmental levels in young children. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.
- **Physical Education 192 2 units (crs.)**
Outdoor Recreation and Leisure Activities
 Students will learn how to implement outdoor activities as a part of the contemporary Physical Education PreK-12 teacher preparation curriculum. Included are hiking, backpacking, inline skating, climbing, skiing, camping, canoeing, snowshoeing, biking, and archery. Pedagogical knowledge and skills that go beyond traditional sport skills will be emphasized. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only. Special fees may apply.
- **Physical Education 193 2 units (crs.)**
Adventure, Challenge, and Cooperative Activities in Physical Education
 This course presents the concepts of adventure education including cooperative and leadership activities. The students will learn to use and implement a ropes course, climbing walls, orienteering, and new games in the PreK-12 curriculum with diverse populations. Emphasis will be placed on the teaching and methodology of adventure theory. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only. Special fees may apply.
- **Physical Education 205 1 unit (cr.)**
Mountaineering/Repelling (PE)
 Methods and techniques in scaling and descending precipitous land forms, to include: climbing ropes and knots, body positions and holds, belays, repels, rope bridges, emergency evacuation and carriers. Pass/Fail course.
- **Physical Education 206 1 unit (cr.)**
Orienteering (PE)
 An introduction to the Olympic sport of Orienteering: involves navigating cross-country over unfamiliar terrain with map and compass in order to locate control markers in competition requiring speed, accuracy and mental decisiveness on the part of the competitor. Requires two Saturdays. Pass/Fail
- **Physical Education 221 1-2 units (crs.)**
Swimming (PE)

Concentration on stroke development and safety in the water will be emphasized. Lifeguard certification is possible with successful completion of this course. Special fees may apply.

- **Physical Education 224** 2 units (crs.)

PreK-12 Methods for Teaching Swimming

Methods and techniques in the teaching of swimming strokes to PreK-12 physical education students. Exposure to a variety of other aquatic activities included. Admission dependent upon passing a swimming test. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only. Special fees may apply.

- **Physical Education 247** 2 units (crs.)

Coaching of Softball

The basic skills, rules, and strategies of softball. Coaching techniques.

- **Physical Education 252** 1 unit (cr.)

Volleyball Officiating

The discussion and application of rules and officiating techniques. The student will be required to officiate in class athletic programs.

- **Physical Education 261** 2 units (crs.)

Volleyball Coaching

Study of specific skills, coaching techniques, team selection, preparation, judging, and conducting competitive techniques in the sport.

- **Physical Education 264** 2 units (crs.)

Tennis Coaching

Study of specific skills, coaching techniques, team selection, preparation, judging, and conducting competitive techniques in the sport.

- **Physical Education 265** 2 units (crs.)

Coaching of Gymnastics

Study of specific skills, coaching techniques, team selection, preparation, judging, and conducting competitive techniques in the sport.

- **Physical Education 266** 3 units (crs.)

Dance

Methods and techniques in teaching dance activities to Physical Education majors in the PreK-12 Teacher Preparation Emphasis. Exposure to a variety of traditional, folk, and modern dance activities included. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.

- **Physical Education 270** 2 unit (cr.)

Physical Education for Elementary School

Introduction of physical education teaching methods appropriate for the elementary classroom teacher. Emphasis on: safety, supervision, equipment, basic principles, desired outcomes, program content, and integration of physical activities in the elementary school curriculum. Prerequisite: Elementary education majors only.

- **Physical Education 279** 2 units (crs.)

PreK-12 Stunts and Tumbling

Students will learn the basic techniques of teaching stunts and tumbling, safety, and spotting for PreK-12 students. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.

- **Physical Education 290 3 units (crs.)**
The Child, The Teacher, and Physical Education
 Planning a developmental, sequential, comprehensive program of physical education for children. Emphasis on basic movement education: content and process. Integrating physical education in the elementary school curriculum. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.
- **Physical Education 295 3 units (crs.)**
Class Management and Instruction in Physical Education
 This class provides students with an introduction to class management and current instructional techniques used in physical education. Students will acquire and utilize knowledge of student characteristics, teaching methods, and varied management skills when selecting activities for inclusion in the physical education program. Students will observe public school students and practice teach with close supervision by university and public school teachers. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis who have completed Physical Education 190, 191, 192, and 193. (2+2)
- **Physical Education 304 2 units (crs.)**
Coaching Soccer Successfully
 This course is designed to give aspiring coaches a foundation of successful coaching principles to build upon in the sport of soccer. Topics to include technical skills, coaching philosophy, periodization, weight management, strength training, and risk management.
- **Physical Education 305 2 units (crs.)**
Coaching Wrestling Successfully
 This course is designed to give aspiring coaches a foundation of successful coaching principles to build upon in the sport of wrestling. Topics to include technical skills, coaching philosophy, periodization, weight management, strength training, and risk management.
- **Physical Education 306 2 units (crs.)**
Coaching of Football
 A study of current trends, techniques, and methods involved in the organization and development of an effective football program from a coaching standpoint.
- **Physical Education 307 2 units (crs.)**
Coaching of Basketball
 A study of current trends, techniques, and methods involved in the organization and development of an effective basketball program from a coaching standpoint.
- **Physical Education 308 2 units (crs.)**
Coaching of Baseball
 A study of current trends, techniques, and methods involved in the organization and development of an effective baseball program from a coaching standpoint.
- **Physical Education 309 2 units (crs.)**
Coaching Track and Field
 Theory, fundamentals, and techniques of coaching track and field. Prerequisite: Junior standing.
- **Physical Education 310 2 units (crs.)**
Coaching Hockey Successfully
 This course is designed to give aspiring coaches a foundation of successful coaching

principles to build upon in the sport of hockey. Topics to include coaching philosophy, strength training, risk management, communicating with your athletes and their parents, teaching and developing hockey skills, planning and conducting practices, evaluating performance, and coaching during games.

- **Physical Education 320** 3 units (crs.)

Contemporary Issues in Coaching

This course is designed to acquaint prospective coaches with the issues associated with coaching youth in interscholastic athletic programs. Emphasis is on high school and middle school athletics. Topics include: athletics, emergency procedures, liability, motivation, human relations, public relations, and minorities in athletics. (This course is a designated writing course. It will satisfy the writing course requirements in COLS).

- **Physical Education 324** 3 units (crs.)

Dance II

Advanced skill acquisition, instructional methodology and what to include in a school dance curriculum. Prerequisite: Physical Education 266.

- **Physical Education 328** 2 units (crs.)

Officiating Team Sports

Fundamentals of officiating team sports, to include rules, mechanics, procedures and practical application.

- **Physical Education 356** 2 units (crs.)

Internship in Adventure/Outdoor Education

The purpose of this course is to provide students with a hands-on experience in activities within the adventure education as well as the outdoor education curriculum.

- **Physical Education 360** 2 units (crs.)

Field Experience in Coaching

An individual approach to practical field experience in coaching middle school athletics (grades 6-8) under the supervision of a head coach. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.

- **Physical Education 373** 2 units (crs.)

Adapted Physical Education

Adaptation of physical education activities based on the needs of students with disabilities. Attention to legislation, placement options and methods of teaching individuals with a variety of disabilities. Prerequisite: Kinesiology 348 and Physical Education 375. 373/573

- **Physical Education 374** 2 units (crs.)

Assessment and Prescription Techniques in Adapted Physical Education

Theory and practice in assessment, prescription and programming for individuals with disabilities. Prerequisites: Physical Education 373. 374/574

- **Physical Education 375** 2 units (crs.)

Lifespan Motor Development

Study of lifespan motor development from infancy through adulthood, including information on delayed development, psychological factors and the normal pattern of motor skill acquisition. Prerequisite: Sophomore standing. Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Physical Education 376** 2 units (crs.)

Sports for Individuals with Disabilities

Contemporary sports opportunities for individuals with disabilities, with application to teaching and transition planning. Prerequisites: Physical Education 373. Special fees may apply.

- **Physical Education 380** 2 units (crs.)

Adapted Aquatics

A course designed to provide the student with various alternatives in teaching techniques for beginning swimmers and the exceptional student. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics and Health Education. Special fees may apply. 380/580

- **Physical Education 382** 2 units (crs.)

Coaching of Swimming

Dry land exercises, conditioning, and advanced techniques in all four competitive strokes.

- **Physical Education 390** 1-3 units (crs.)

Current Topics

Intensive and critical study of current topical issues in physical education or recreation chosen in advance by the instructor and/or the department. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Physical Education 392** 3 units (crs.)

Instructional Methods for Elementary School Physical Education

This course emphasizes instructional strategies in PreK-6 physical education. Included are: PreK-12 developmentally appropriate activities, expected student performance, instructional analysis, equipment and materials, and discussion of curriculum development in PreK-6 physical education. Note: This course must be taken prior to or concurrently with Secondary Education 370. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only who have completed Admission I.

- **Physical Education 393** 2 units (crs.)

Instructional Methods for Middle School Physical Education

This course emphasizes instructional strategies such as appropriate performance, instructional analysis, materials, including curriculum development, and the teaching of physical education in middle schools. Prerequisite: Physical Education 295 and Admission I. Special fees may apply.

- **Physical Education 394** 2 units (crs.)

Instructional Methods for High School Physical Education

This course emphasizes instructional strategies such as appropriate performance, instructional analysis, materials, including curriculum development, and the teaching of physical education in secondary schools. Prerequisite: Physical Education 295 and Admission I. Special fees may apply.

- **Physical Education 408** 3 units (crs.)

Field Experience in Coaching/Grades 9-12

An individual approach to practical field experience in coaching high school athletics (grades 9-12) under the supervision of a head coach. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only.

- **Physical Education 421** 3 units (crs.)

Evaluation, Assessment, and Technology

Students will learn to use technology to aid in testing, evaluating, and assessing PreK-12

physical education students. Students will have hands-on experience in a computer lab with up-to-date assessment software related to physical education. Students will learn to administer and assess commonly used motor skill, fitness, and sport skill tests used in PreK-12 physical education. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only who have completed Admission I.

- **Physical Education 422** 3 units (crs.)

Physical Education for Individuals with Developmental Disabilities

Class content considers research, instructional programs and techniques in physical education for developmentally disabled individuals, such as the cognitively disabled, learning disabled, and emotionally (behaviorally) disordered. 422/622

- **Physical Education 424** 3 units (crs.)

Physical Education for Individuals with Chronic & Permanent Physical Disability

Class content considers research, instructional programs and techniques in physical education for individuals with chronic and permanent physical disabilities based on indicators, limitations, and needs. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education. 424/624

- **Physical Education 441** 2 units (crs.)

Organization and Administration of Physical Education

Organization and administration of physical education programs in the elementary and secondary schools including policy making, budget making, equipment purchases and programs of public relations. Prerequisite: Open to Physical Education majors in the PreK-12 Teacher Preparation Emphasis only who have completed Admission I.

- **Physical Education 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for proper information for proper contract form requirements.

- **Physical Education 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Physical Education 460** 2 units (crs.)

History and Philosophy of Physical Education

Students will survey the history and related philosophies of physical education. Students will incorporate the concepts taught in prerequisite courses into a personal professional philosophy. Current issues, problems, and trends in physical education are discussed. Each student will complete a multi-media project on the history of physical education. Prerequisite: Physical Education 392, 393 and 394.

- **Physical Education 472** 2 units (crs.)

PreK-12 Physical Education Curriculum

The nature and function of PreK-12 physical education will be discussed. Students will discuss the concepts behind the development of dynamic physical education programs and develop a district wide PreK-12 physical education curriculum. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Physical Education 481** 3 units (crs.)

Beach and Pool Administration

Community programs, private clubs, beach and pool maintenance, water chemistry, funding, and scheduling. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education.

- **Physical Education 482** 3 units (crs.)

Practicum in Adapted Physical Education

Supervised field experience with programs of physical education/activity for individuals with disabilities. This course is designed for individuals seeking the 860 Adapted Physical Education Licensure. All courses for Adapted Physical Education minor must be completed, or must have approval of the Coordinator of Adapted Physical Education Program. Prerequisite: Open to students with a major or minor in the Department of Human Kinetics & Health Education only. 482/682

READING EDUCATION

- **Reading Education 305** 2-3 units (crs.)

Foundations of Literacy in the Elementary School

Instructional strategies and materials are explored, as are various organizational patterns within the framework of balanced literacy. Word recognition, fluency and comprehension are major components. Phonics and decoding strategies along with meaning processing strategies are included with the focus on helping young readers become strategic and metacognitive. Literacy is viewed as a developmental process with promoting children's love of reading and time spent reading as crucial elements. Prerequisite: Admission I.

- **Reading Education 410** 3 units (crs.)

Assessing and Planning for Literacy Instruction

Provides pre-service teachers a contextually-set opportunity to employ assessment and instructional strategies. Decoding strategies that include phonics are covered along with strategies for the development of fluency and comprehension. Other literacy related aspects such as spelling and writing are included along with the importance of motivating children to read. A supervised field experience is arranged. Prerequisite: Reading Education 305 and Admission I. 410/610

- **Reading Education 412** 3 units (crs.)

Comprehensive Literacy Programs: Issues and Implications

This course is designed to provide students with an opportunity to explore in-depth issues and ideas related to school literacy programs influenced by current theories and beliefs. 412/612

- **Reading Education 420** 3 units (crs.)

Literacy and Language Development in Young Children

Prepares teachers of young children to understand language acquisition and emergent literacy. Focus is on developmentally appropriate practice in reading and writing including the use of sound-symbol relationships (phonics). The importance of the home-school partnership is also emphasized. Prerequisite: Reading Education 305 or Elementary Education 311 and Admission I. 420/620 (Fall)

- **Reading Education 435** 4 units (crs.)

Adolescent Literacy Methods

Historical perspectives, basic instructional techniques, approaches to problems in one's own instructional area, roles in and designs for a total school program, what research and authorities suggest, and consideration of contemporary issues and concerns. Prerequisite: Admission I. 435/635

- **Reading Education 440** 3 units (crs.)

Literacy and Language in the Content Areas

Provides practical guidelines for those who are or will be elementary, middle school, or secondary content area teachers to assist them in using reading, writing, speaking, and listening as complementary learning processes for their content area. Students of this course bring their expertise of the subject to be taught (such as English, social studies, science, mathematics, music, art), and the course assists students in dealing with the language component of that content area. Students will be given experience in producing study, pattern, and concept guides, techniques for effectively presenting vocabulary, and for using reading, writing, speaking, and listening to facilitate learning in content areas. Prerequisite: Admission I and Reading 305.

- **Reading Education 442** 3 units (crs.)

Literacy and Language in the Expressive Arts

A course designed for pre-service students who will be licensed in the expressive arts of PK-12 Art, Music, Physical Education and Foreign Language. Students in the course will develop a framework for empowering their own future students to comprehend curricular materials in their content areas. Students will have the opportunity to explore reading/writing strategies, processes, and materials for the expressive arts that will facilitate content area teaching for diverse learners and learning styles. Prerequisite: Admission I.

- **Reading Education 453** 1-3 units (crs.)

Field Experience in the Teaching of Reading

Supervised Field Experience in the teaching of Reading (approximately 14 hrs. per credit). Prerequisite: Taken after completion of at least 3 of the following Reading courses required for the minor: Reading 305, 410, 420 and/or 440. (Fall)

- **Reading Education 462** 3 units (crs.)

Managing a School Reading Program

The organization and management of effective reading in classrooms and schools. Procedures for planning, facilitating, and maintaining a reading program. Prerequisite: Reading Education 305. (Spring)

- **Reading Education 470** 1-3 units (crs.)

Current Topics in Reading

Specific concerns related to the teaching of reading are considered. Each offering emphasizes a theme which focuses on current topics in reading, related research, and practice. The course may be retaken provided the subject of the course is not repeated. Prerequisite: Minimum of 6 units (crs.) in Reading.

- **Reading Education 496** 1-3 units (crs.)

Independent Study

An individual conducting an independent study in reading pursues an area or topic related to reading not provided by course requirements or offerings. Prerequisite: Approved outline of student's proposal prior to registration.

SECONDARY EDUCATION

- **Secondary Education 201** 3 units (crs.)

Individual, School, and Society

This is an introductory course in education. Its purpose is to expand your understanding of schooling through an analysis of its many connections with the individual and society. This, in part, will be accomplished through a study of social, political, and economic forces in U.S. Society that have a direct bearing on schooling. Prerequisite: 2.75 GPA.

- **Secondary Education 300** 0 units (crs.)

Bilingual Language Fluency Assessment

Registration for and completion of the Bilingual Language Fluency Assessment is required in the first or second semester of enrollment in the Bilingual Licensure Program and prior to enrolling in core courses in this program.

- **Secondary Education 335** 3 units (crs.)

Teaching of English

By readings, demonstrations, and practical experiences, the student learns to organize the materials and methods of the English curriculum into effective teaching procedures in the secondary classroom. Majors in English take concurrently with Clinical Experience. Prerequisite: Secondary Education 201, Educational Foundations 235, 380 and Admission I.

- **Secondary Education 336** 3 units (crs.)

Teaching of English II and Classroom Management

This course extends students' understanding of 6-12 teaching of English Language Arts and classroom management approaches and issues. The course provides learning opportunities for methodology and models, lesson planning, curriculum, technology, and equity concerns. Content reflects the standards of the National Council of Teachers of English and the Wisconsin Department of Public Instruction Teaching Standards. Prerequisite: Admissions I and Secondary Education 335. (Fall only)

- **Secondary Education 337** 3 units (crs.)

Teaching of History and Social Studies

The differing points of view in the teaching of history and the social sciences and of the goals which parallel these differing points of view are examined. Consideration is given to selecting appropriate teaching methods and materials necessary to achieve the varied objectives of the social studies. Learning process is examined as it applies to the attainment of the objectives. Majors in History or other Social Sciences take concurrently with Clinical Experience. Prerequisite: Secondary Education 201, Educational Foundations 235, 380 and Admission I.

- **Secondary Education 338** 3 units (crs.)

Teaching of Social Studies II

This course will strengthen the teaching of secondary social studies. Topics include standards for content, curriculum, and assessment, as central to preparing skillful practitioners who are caring intellectuals. This course emphasizes constructing a social studies curriculum focusing on central ideas, content and depth. This course will enable students to conceptualize a "thinking" social studies curriculum. Classroom management and conflict resolution, use of computer-based technology, multicultural and global perspectives, integration of cross disciplinary ideas and content, and school to work as it relates to social studies education will be addressed. Prerequisites: Admission I and Secondary Education 337. (Fall only)

- **Secondary Education 339** 3 units (crs.)

Teaching of Science

The student should be able to construct lesson plans which are usable, distinguish between methods of teaching which are effective and ineffective, and demonstrate ability to perform in the capacity of a science teacher making acceptable use of the classroom and the laboratory. Should be able to name the most recent curricular developments in all the areas of science and demonstrate a thorough understanding of their underlying philosophies and their implications for

instructional procedures. Prerequisite: Secondary Education 201, Educational Foundations 235, 380 and Admission I. (Fall)

- **Secondary Education 340** 3 units (crs.)

Teaching of Science II

This course will provide the student with the opportunity to continue developing the pedagogical content knowledge necessary to teach science. The context for this will be the state and national standards, multicultural and gender equity issues, technology use in the classroom, and assessment. Majors in science take concurrently with Clinical Experience. Prerequisite: Admission I and Secondary Education 339. (Spring only)

- **Secondary Education 341** 3 units (crs.)

Teaching of Mathematics

The objectives, curriculum, and teaching methods related to the courses in secondary school mathematics with emphasis upon trends, changes and investigations in the curriculum, and in teaching procedures. Majors in Mathematics take concurrently with Clinical Experience. Prerequisite: Secondary Education 201, Educational Foundations 235, 380 and Admission I. (Fall)

- **Secondary Education 342** 3 units (crs.)

Teaching of Mathematics II

This course will provide 6-12 mathematics education students with the content and skills required to teach mathematics as envisioned by mathematics education organizations. Topics include secondary mathematics education in relation to technology management, conflict resolution, motivation, gender issues, equity issues, mathphobia, multicultural mathematics, school to work issues, and mathematics education theory. This course will result in a more skillful teacher who will be better able to actualize the vision of what it means to empower students with mathematics and be a caring intellectual. Prerequisite: Admission I and Secondary Education 341. (Spring)

- **Secondary Education 346** 3 units (crs.)

Methods of Teaching English as a Second Language

In this course we will review developments in second language theory and practice; explore ways to teach, and integrate, the skills of reading, writing, listening and speaking, both within ESL classes and in content-area instruction; survey a variety of approaches to ESL methods; discuss ways to focus on culture in language teaching, to create community among second language learners and to build bridges between schools and diverse linguistic and cultural communities; and address the needs of second language learner assessment and classroom management. Prerequisite: Admission I.

- **Secondary Education 347** 3 units (crs.)

The Teaching of Foreign Languages

The study of a modified audio-lingual approach emphasizing the teaching of basic skills in speaking, listening, reading, and writing a modern foreign language. The intended outcome of the course is a familiarity with concepts of what language is and with language learning aims, theory and strategies. Majors in Foreign Languages take concurrently with Clinical Experience. Prerequisite: Secondary Education 201, Educational Foundations 235, 380 and Admission I. (Fall only)

- **Secondary Education 348** 3 units (crs.)

Principles of Bilingual/Bicultural Education

In this course we will explore historical and political dimensions of bilingual/bicultural education, often from comparative perspectives; examine theoretical assumptions and recent research findings about learning through first and second languages; and discuss practical implications of critical theory and research for those who work with bilingual/bicultural children, adolescents, families and communities. 348/548

- **Secondary Education 349** 3 units (crs.)

Content Area Instruction Bilingual Education

In this course we will explore the theories, practices, and possibilities for bilingual education across content areas. We will examine the teaching of content area subjects to bilingual children and adolescents in both bilingual (first language) classrooms as well as mainstream classrooms. Students will thus have the chance to prepare for content area teaching in English as well as Hmong or Spanish. Prerequisite: Elem/Sec Ed 346 Methods of Teaching ESL, Sec Ed 374 Clinical for ESL Secondary, Elem/Sec Ed 348 Principles of Bilingual/Bicultural Education, Elem/Sec Ed 352 ESL and Multicultural Materials and Admission 1. 349/549

- **Secondary Education 351** 3 units (crs.)

Authentic Assessment for ESL/Bilingual Education

A seminar course relating to specific topics in the assessment of English language learners. The course will focus on developments in authentic placement, diagnostic and achievement language assessment, and the use of portfolio and performance assessment with English language learners. Various assessment tools (English and Spanish) will be reviewed. Prerequisite: Elementary Ed/Secondary Ed 346. 351/551

- **Secondary Education 352** 3 units (crs.)

ESL and Multicultural Materials, Elementary/Secondary

In this course we will review developments in second language theory and practice; explore ways to develop curriculum, and integrate the academic skills of reading, writing, listening and speaking in content-area instruction; survey, and critically analyze, a variety of ESL and multicultural materials for elementary and secondary instruction; discuss ways to focus on culture in the curriculum and address ways to connect curriculum to second language learner assessment and instruction. 352/552

- **Secondary Education 353** 3 units (crs.)

Hmong Language, Culture & Learning

Designed to familiarize educators and others with the language, culture and educational issues relevant to Hmong people in Wisconsin and the United States. Areas of exploration will include the nature of Hmong language, Hmong history, the traditional family and clan structure, child-rearing mores, healing practices, marriage and funeral practices, and educational beliefs and practices. Contemporary developments and adjustment issues within the Hmong communities will be discussed, especially school achievements and challenges, intergenerational conflicts, youth gangs, and the need to provide high expectations and supportive educational environments for Hmong children, youth and families. Cross-listed: Elementary Education/Secondary Education 353. 353/553

- **Secondary Education 354** 3 units (crs.)

Fostering English Language Learner Achievement-Trial Course

This course is designed to give all teachers a working knowledge of how to foster success with an English language Learners (ELLs). In this course we will explore historical, political and legal dimensions in the education of linguistic minority students in the USA; discuss practical implications of critical theory and research for those who work with bilingual/bicultural children,

adolescents, families and communities; review developments in second language theory and practice; explore use of the Sheltered Instruction Observation Protocol (SIOP) to develop curriculum; integrate the academic skills of reading, writing, listening, and speaking in content area instruction; explore effective links between culture and curriculum; and connect curriculum standards to second language learner instruction and assessment.

- **Secondary Education 356** 3 units (crs.)

Clinical in Teaching English 6-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380. Concurrent enrollment in Secondary Education 335 and Admission I. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 357** 3 units (crs.)

Clinical in Teaching History and Social Studies - 6-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Concurrent enrollment in Secondary Education 337. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 358** 3 units (crs.)

Clinical in Teaching Science 6-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Concurrent enrollment in Secondary Education 340. Open only to College of Education and Human Services students. Pass/Fail course. (Spring)

- **Secondary Education 359** 3 units (crs.)

Clinical in Teaching Mathematics 6-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Concurrent enrollment in Secondary Education 341. Open only to College of Education and Human Services students. Pass/Fail course. (Fall only)

- **Secondary Education 361** 3 units (crs.)

Clinical in Teaching Foreign Language (6-12)

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380. Concurrent enrollment: Secondary Education 347. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 362** 3 units (crs.)

Clinical in Teaching Speech 6-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course and in Secondary Education 355. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 366** 1-3 units (crs.)

Clinical in Teaching Art K-12

Under the guidance of an experienced teacher and university faculty or staff, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. One credit of this course is to be taken concurrently with Art 253, 354 and 356 for a total of three credits. The level of responsibility and engagement will increase for each subsequent enrollment in the course. Admission to student teaching requires a grade of "pass" for each completion of this course. Prerequisite: Concurrent registration with Art 253, 354 or 356. Open only to College of Education and Human Services art education students. Pass/Fail course.

- **Secondary Education 367** 3 units (crs.)

Clinical in Teaching Music K-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 370** 3 units (crs.)

Clinical in Teaching Physical Education K-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary

Education 201, Educational Foundations 235 and 380 and Admission I and Physical Education 392 (may be taken concurrently). Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 371** 3 units (crs.)

Clinical in Teaching Foreign Language K-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380 and Admission I. Concurrent enrollment in Secondary Education 347 and Elementary Education 330. Open only to College of Education and Human Services students. Pass/Fail course. (Fall only)

- **Secondary Education 372** 3 units (crs.)

Clinical in Teaching Library Science K-12

Under the guidance of an experienced teacher, clinical students are directed to study individual cases and problems, the diagnosis and solution of which involve the application of teaching-learning principles and the relationship of theory and practice. Contact with small groups in scaled down teaching situations. Taken concurrently with the respective (major) methods course. Admission to student teaching requires a grade of "pass" in this course. Prerequisite: Secondary Education 201, Educational Foundations 235 and 380. Open only to College of Education and Human Services students. Pass/Fail course.

- **Secondary Education 374** 3 units (crs.)

Clinical in English as a Second Language

The ESL clinical provides opportunities for students to engage in many aspects of ESL teaching prior to student teaching. While "learning by doing," this experience also provides students with the occasion to make connections between ESL theory and the "real world" of classrooms. Prerequisite: Admission I and concurrent with Secondary Education 346.

- **Secondary Education 377** 3 units (crs.)

Latino(a) Language, Culture and Learning

This course is designed to familiarize educators and others with historical, cultural and educational issues relevant to Latinos (as) in Wisconsin and the United States. Areas of exploration will include elements of surface and deep level culture, as well as historical perspectives on Pre-Columbian Latin America, the European conquest, and contemporary Latino(a) experience. The role of ethnic pride as a factor in high-level student achievement will also be explored. Each of these areas will be explored in relation to the development of biculturalism/multiculturalism within the English-Spanish bilingual classroom. The class will be conducted in Spanish and all assignments will be completed in Spanish.

- **Secondary Education 402** 2 units (crs.)

6-12/K-12 Student Teaching Seminar

Provides the opportunity to earn one additional unit (cr.) by pursuing independent study modules designed by the student and the university supervisor. Corequisite: This course or Secondary Education 455 or 465 must be taken in conjunction with Secondary Education 450, 451, 460, or 461. Prerequisite: Admission II.

- **Secondary Education 404** 5 units (crs.)

ESL Student Teaching

In this field experience students will prepare and teach lessons, develop and modify materials for English language learners, reflect on learning and teaching, and show consideration and respect to both children and adults at school sites.

- **Secondary Education 406** 5 units (crs.)

Bilingual Education/ESL Student Teaching

In this field experience students will prepare and teach lessons, develop and modify materials for English language learners, reflect on learning and teaching, and show consideration and respect to both children and adults at school sites. Bilingual student teachers will prepare and teach lessons in two languages, and collect and modify materials for students in their first language.

- **Secondary Education 417** 5 units (crs.)

Secondary General Music Methods, Pedagogy and Techniques

A hybrid course for music educators licensed in choral or instrumental music who are pursuing a license in general music. Participants will refine and demonstrate competencies associated with exceptional teaching in PK-12 general music. Progressive techniques for developing independent musicianship and music literacy along with integrated use of classroom instruments, the voice, piano, guitar, and recorder will be practiced and assessed. Participants will receive instruction in authentic assessment, curriculum development, and effective instruction through secondary content standards and the Wisconsin Teacher Educator Standards. Early childhood music, adaptive techniques for exceptional learners, student composition, technology integration, and classroom management in general music are also addressed. Prerequisites: Admission to the Post Baccalaureate Add On Licensure Program.

- **Secondary Education 432** 2-3 units (crs.)

Middle School Education

Coverage of the goals, objectives, and curriculum of the middle school/intermediate school.

Explores the unique educational and social needs of boys and girls 10-15 years of age who are in grades 5-9. The nature of children in this age group is analyzed in terms of changing times and trends. Prerequisite: Admission I, Educational Foundations 235, Child and Adolescent Development, or equivalent and Educational Foundations 380, Educational Psychology.

- **Secondary Education 450** 5 units (crs.)

Student Teaching in Middle Education

For students seeking secondary licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 451** 5 units (crs.)

Student Teaching in High School

For students seeking secondary licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 452** 5-10 units (crs.)

Internship Secondary Education 6-12

Internship placement for students seeking 6-12 licensure. Supervised observation, participation, and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 453** 3 units (crs.)

Student Teaching in Secondary Education 6-12, PK-12

A student teaching experience for students wishing additional experiences related to teaching. Prerequisites: Admission to Student Teaching or admission to the post-baccalaureate add-on licensure program.

- **Secondary Education 454** *1 unit (cr.)*

Students Teaching in Secondary Education (6-12)

A field-based course for teachers licensed in grades 6-12 who are adding a new subject to their existing Broadfield Science, Broadfield Social Studies or Music license. Supervised observation, participation and teaching experiences. Prerequisites: Admission to the Post-Baccalaureate Add-On Licensure Program.

- **Secondary Education 455** *1 unit (cr.)*

Student Teaching Seminar

Designed to aid the student to integrate teaching-learning theories as applied to problems which occur in the classroom situation. Corequisite: Secondary Education 450 or Secondary Education 451. Prerequisite: Admission II.

- **Secondary Education 460** *5 units (crs.)*

Student Teaching in Elementary and Secondary Education

For students seeking K-12 licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 461** *5 units (crs.)*

Student Teaching in Elementary and Secondary Education

For students seeking K-12 licensure. Supervised observation, participation and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 462** *5-10 units (crs.)*

Internship Secondary Education PK-12

Internship placement for students seeking PK-12 licensure. Supervised observation, participation, and responsible teaching experiences. Prerequisite: Admission II.

- **Secondary Education 464** *1 unit (cr.)*

Student Teaching in Secondary Education (K-12)

A field-based course for teachers licensed in a grades K-12 who are adding a new subject to their existing Broadfield Science, Broadfield Social Studies or Music License. Supervised observation, participation and teaching experiences. Prerequisites: Admission to the Post-Baccalaureate Add-On Licensure Program.

- **Secondary Education 465** *1 unit (cr.)*

PK-12 Student Teaching Seminar

Designed to aid the student to integrate teaching-learning theories as applied to problems which occur in the classroom situation. Corequisite: Secondary Education 460 or Secondary Education 461 for K-12 licensure. Prerequisite: Admission II.

- **Secondary Education 496** *1-3 units (crs.)*

Independent Study

An independent study in Secondary Education for students who would pursue in depth an idea, process, or belief related to secondary instruction. This course can be taken by upper division students. Prerequisite: Outline of proposed study presented to a secondary faculty member, the student's advisor, the Department Chairperson, and the Associate Dean. (See Department Chairperson first.)

SERVICE COURSES IN EDUCATION

- **Service Courses in Education 6** *1-3 units (crs.)*

Education 6

Open only to students who are not enrolled in another UW Oshkosh course. Assist students in completing non-credit program requirements in programs such as Alternative Careers in

Teaching (act!) and the post-bac add-on licensure programs. Prerequisites: Admission to a COEHS program and permission from the students' COEHS program coordinator are required.

- **Service Courses in Education 421** 1-3 units (crs.)

Contemporary Topics in Education

Focuses upon professional growth through problem solving, self expression, group thinking and independent study. Educators work on problems growing out of their professional needs. Course may be repeated with change of topic to a maximum of 9 units (crs.). Prerequisite: A practicing professional educator. Pass/Fail course. 421/621

- **Service Courses in Education 422** 1-3 units (crs.)

Contemporary Issues in Education

The focus of this course is on professional growth and development via exploration of theory and practice related to current issues and educational initiatives. Courses may be repeated with change of topic to a maximum of 9 units (crs.). 422/622

SPECIAL EDUCATION

- **Special Education 99** 3 units (crs.)

Direct Instruction Basic Algebra - Project Success

This course is designed to provide Project Success students who have successfully completed the Project Success summer transition program with additional skills in mathematical problem solving, knowledge of fundamental number properties and operations, use of the calculator as an aid to solving algebraic problems, and reading of mathematical expressions. This course does not count toward the 128 units (crs.) necessary for graduation. Prerequisite: Project Success summer transition program and official acceptance into the Project Success program.

- **Special Education 100** 3 units (crs.)

Remediation of Specific Language Handicaps in Reading and Spelling

This course is designed to provide Project Success students with systematic drill with phonemes, affixes, and roots. A systematic direct instructional approach is used to develop the ability to read and, therefore, comprehend college-level textbooks and materials. Similar drill is employed to teach spelling. In addition, syllabication for both reading and spelling purposes is also taught. This course does not apply for undergraduate degree credit. Open only to students in Project Success.

- **Special Education 101** 1 unit (cr.)

Simultaneous Multi-Sensory Instructional Procedure Lab

The purpose of this lab is to provide Project Success students who have completed Special Education 100 with review and practice of the Simultaneous Multi-Sensory Instructional Procedures (SMSIP) that are used to decode and encode words. Students also learn and practice the use of SMSIP techniques with college level reading materials and written expression assignments. The lab will provide supervised faculty guidance for the Project Success students needing additional experience to efficiently perform the SMSIP techniques. This course may be taken twice. Unit (cr.) earned does not count toward university graduation requirements.

- **Special Education 352** 3 units (crs.)

Children and Youth with Disabilities in General Education

This course provides future educators an opportunity to examine the legal, theoretical, and practical bases for inclusion. It is designed to provide a rigorous overview of current best practice in academic and behavioral methods for supporting students with disabilities in inclusive settings. Particular emphasis is placed on understanding high incidence disabilities such as

specific learning disabilities, emotional/behavioral disabilities, cognitive disabilities, and speech/language impairments. Furthermore, positive approaches to and effective strategies for collaboration, accommodations, and organization in an inclusive classroom are extensively covered. Prerequisite: 2.75 GPA. 352/552

- **Special Education 353** 3 units (crs.)

Interdisciplinary Approaches to Working w Children & Youth w Disabilities

This course provides information about typical and atypical language and motor development in children and youth (ages birth to 21 years). Course topics include milestones of typical language and motor development, characteristics of specific language/motor disorders, and sensory impairments (hearing and visual impairments). An interdisciplinary focus that highlights the work of related service providers such as occupational, physical and speech therapies and consultants for individuals with visual and hearing impairments serves as the context for the course. In addition, this course addresses the role and responsibility of special education teachers to support, supervise, monitor, and evaluate paraeducators working in their classrooms. Recommended approaches that support individuals with language/motor disorders and sensory impairments such as basic sign language, Picture Exchange Communications System, and sensory integration strategies are embedded into course topics. The course is required of all undergraduate and graduate students enrolled in the special education teacher licensure program. Prerequisite: 2.75 GPA

- **Special Education 370** 4 units (crs.)

Practicum Experience in Special Education

A series of two 4 week, full day, supervised field placements within public school institutions which deal with students with disabilities, including learning and cognitive disabilities and emotional/behavioral disorders. This course is designed to provide students in special education the opportunity to observe classroom interactions, to participate in instructional planning, and to teach students on an individual, small group, and large group basis. This is the first of several pre-service teaching experiences. Prerequisite: Admission into Initial Practicum.

- **Special Education 372** 2 units (crs.)

Interim Practicum

An optional supervised field placement offered as an additional experience for students who have completed Special Education 370 (Initial Practicum), but need or want one extra placement. Open to College of Education and Human Services students only with consent of department chairperson.

- **Special Education 380** 3 units (crs.)

Curriculum and Instruction in Special Education

Students will be introduced to factors that influence curriculum content, scope and sequence, preparation and evaluation of curricular strategies, and materials. A major focus of this course will be extensive student involvement in curriculum development, implementation, and evaluation. Prerequisite: Special Education 353/553 (may be taken concurrently). 380/580

- **Special Education 381** 3 units (crs.)

Behavior Change and Management

Theoretical and practical understanding of methods used in modifying behavior in general, and problem behavior in particular. Methods of controlling behavior will be drawn from research and applied to the classroom. Approaches are developed to anticipate, inhibit, redirect, and prevent problem behavior through techniques which have high probability of encouraging the total learning process. 381/581

- **Special Education 401** 2 units (crs.)

Advanced Practicum Experience in Special Education

This is a field-based experience where special education majors will directly work with children and youth with disabilities birth to age 21. Special Education majors will receive experience in assessment and instructional remediation practices. Registration will be concurrent with a special education methods course. This field-based experience will occur within one or two terms prior to student teaching. Prerequisite: Spec Ed 480 or 413 Admission I Pass/Fail course. 401/601

- **Special Education 406** 3 units (crs.)

Technology in Special Education

This course is to address uses of technology that are specifically related to special education, such as assistive and adaptive technology, and augmentative communication. It will address classroom arrangements for use of technology, uses of technology for content area instruction, and word processing technology for special learners. It will also address legal issues related to the provision of technology and methods of using technology to collaborate with other professionals and to gain information about special education. Prerequisite: Initial practicum or equivalent coursework and Educational Leadership 325 and Admission I. 406/606

- **Special Education 412** 3 units (crs.)

Assessment and Curriculum in Early Intervention: Birth to Three

This course will address information necessary to prepare future early interventionists to work with young children ages birth to three years and their families. A family-based, interagency focused approach is outlined in current legislation. Special focus will be given to the unique features of birth to three service delivery models currently in place across the State of Wisconsin and the United States. This course is a required course in the Early Childhood Special Education Teacher Licensure sequence. It complements Assessment and Curriculum for Children with Disabilities Ages Three through Eight Years. Prerequisite: Elementary Education 311, Initial Practicum or equivalent coursework and PK3 requirements (Elementary Education 312, 313, 314 and 318) taken prior to or concurrently. 412/612

- **Special Education 413** 3 units (crs.)

Assessment and Curriculum for Children with Disabilities Ages Three to Eight Years

This course will focus on the best practices in assessment and curricula for young children with suspected or identified disabilities ages three through eight years. Issues related to service provision in preschool and early primary environments will be addressed. Emphasis will be placed on linking assessment finding to intervention practices. Inter- and transdisciplinary team models will be explored as a way to provide quality educational services to young children in the least restrictive environment. Methods to embed and monitor individual education plan goals in the daily routine will be discussed. Information in this course complements content included in the "Assessment and Curriculum in Early Intervention: Birth to Three". Prerequisite:

Elementary Education 311, Initial Practicum or equivalent coursework and PK3 requirements (Elementary Education 312, 313, 314 and 318) taken prior to or concurrently. Fall only. 413/613

- **Special Education 414** 3 units (crs.)

Advocacy, Family Empowerment, and Special Education Law

This course addresses three interrelated topics: (1) the role and responsibility of special education professionals to serve as advocates for students with disabilities and their families, (2) the skills and strategies needed by special education professionals to effectively support, collaborate with, and empower families of students with disabilities, and (3) special education

legal issues. Further topics addressed in this course include school organizational and administration issues, collaborative consultation models, effective communication, and professional ethics. Prerequisite: Admission I.

- **Special Education 418** 1-2 units (crs.)

Seminar in Early Childhood Special Education Teaching

This course will deal with the problems associated with teaching students in early childhood special education settings. Innovative programs and intervention strategies will be discussed and analyzed. The course is taken concurrently with Special Education 419/619. Prerequisite: Admission to student teaching and Admission II.

- **Special Education 419** 5-10 units (crs.)

Student Teaching in Early Childhood Special Education

Observation, participation, and responsible teaching experiences under supervision in a class of early childhood special education students. Prerequisite: Admission II, restricted to special education majors, and concurrent enrollment in Special Education 418/618. 419/619

- **Special Education 423** 3 units (crs.)

Direct Instruction Multisensory Methods for Teaching Decoding and Encoding

This course is designed to train individuals how to teach both decoding (reading) and encoding (spelling) to dyslexic students by means of direct instruction and appropriate practice strategies. Issues associated with dyslexia and related reading disabilities will be discussed. The emphasis will be on instruction that uses teaching methods to teach word meaning using the Simultaneous Multi-Sensory Paradigm. Additionally, the course is designed to meet the methodological needs of current and future teachers who work with or anticipate working with students who have difficulty learning to read and/or spell, whether they have been diagnosed as dyslexic or not. 423/623

- **Special Education 431** 3 units (crs.)

Adolescents with Learning and Behavior Problems: Best Practices in Middle School and Secondary Settings

This course is designed to provide a rigorous overview of current best practice in assessment, curriculum, instruction, and transition for students with learning and behavior problems in middle school and secondary settings. Course content will include the following topic areas as they relate to adolescents: legal issues and legislation, problems and issues, service delivery models, transition, academic and behavioral interventions, curricula, and assessment.

Prerequisite: Admission I 431/631

- **Special Education 456** 1-3 units (crs.)

Special Topics in Special Education

A course in topics of relevance for students having an interest or background in special education. May be repeated under different topics. SPEC ED 456/656

- **Special Education 463** 3 units (crs.)

Teaching Students with Significant Disabilities

This course examines functional curricula, instructional practices and functional behavioral assessment and support for students with severe disabilities. Additional topics include working collaboratively with related services personnel, the use of assistive technology in educational programming, supervising paraprofessionals in the classroom, and teaching self-advocacy skills. Prerequisite: Admission I. 463/663

- **Special Education 465** 1-2 units (crs.)

Problems in Teaching Individuals with Mental Retardation/Cognitive Disabilities

This course will deal with the problems associated with teaching mentally retarded/cognitively disabled students. Innovative programs and intervention strategies will be discussed and analyzed. The course is taken concurrently with Special Education 466. Prerequisite: Admission II. 465/665

- **Special Education 466** 5-10 units (crs.)

Student Teaching of Individuals with Mental Retardation/Cognitive Disabilities

Observation, participation, and responsible teaching experience under supervision in a class for mentally retarded, cognitively disabled children. Restricted to special education majors.

Prerequisite: Admission II. 466/666

- **Special Education 467** 1-2 units (crs.)

Problems in Teaching Individuals with Learning Disabilities

This course will deal with the problems associated with teaching learning disabled students. Innovative programs and intervention strategies will be discussed and analyzed. Prerequisite: Admission II and concurrent enrollment in Special Education 468. 467/667

- **Special Education 468** 5-10 units (crs.)

Student Teaching of Individuals with Learning Disabilities

Observation, participation, and responsible teaching experience under supervision in a class for children with learning disabilities. Prerequisite: Admission II. 468/668

- **Special Education 469** 2 units (crs.)

Field Experience in Special Education

This field experience is designed for emergency licensed special education teachers without any previous special education teaching experience. This experience allows the students to visit, observe, and study several special education classrooms. Students must submit written observational reports of their classroom visits and prepare a program comparison/contrast paper. Registration is restricted to emergency licensed special education teachers who are unable to complete Special Education 370. Pass/Fail course.

- **Special Education 470** 3 units (crs.)

Fundamentals in Special Education Assessment

This course deals with the appropriate selection, administration, and interpretation of assessment techniques and measures in order to identify students for special education. The course will familiarize the student with basic assessment terminologies and principles as well as various tests measuring achievement, aptitude, readiness, and social skills. The emphasis of this course is on making eligibility rather than instructional planning decision-making. Prerequisite: PEP Admission I. 470/670

- **Special Education 471** 3 units (crs.)

Assessment for Instructional Planning in Special Education

This course provides students with hands-on experience in assessment procedures through observation, administration, and interpretation of formal and informal assessment measures, including curriculum-based assessment. Students will write IEPs and plan instructional lessons with monitoring techniques. Prerequisite: Special Education 353/553 and Special Education 470/670 and Admission I. 471/671

- **Special Education 473** 3 units (crs.)

Introduction to Autism Spectrum Disorder

This introductory course will provide students with an understanding of children with autism spectrum disorder (ASD). Students will be introduced to intervention strategies that enhance the communication and learning of students with ASD. Methods for teaching more conventional

behaviors will be addressed. Issues surrounding diagnosis and support for families will be explored. 473/673

- **Special Education 474** 3 units (crs.)

Teaching Students with Autism Spectrum Disorder

Introduction to Students with Autism Spectrum Disorder will provide students with information regarding methods of instructing and supporting children and youth with ASD. The course will include information regarding the best practices for assessment, instruction, communication, sensory, socialization, transition information related to children and youth with ASD.

Prerequisites: Special Education 473/673 Introduction to Students with Autism Spectrum Disorders. 474/674

- **Special Education 475** 1 unit (cr.)

Autism Spectrum Disorders Practicum

This practicum will provide students in the Autism Spectrum Disorders (ASD) Certificate Program experience 100 hours of working with students with ASD in educational settings.

Prerequisite: Department Consent. 475/675

- **Special Education 480** 3 units (crs.)

Research-based Instructional Strategies

This course focuses on a variety of research-based strategies and methodologies for special education instructional practice. Topics covered will include principles of design, implementation, and delivery of effective instructional interventions. Prerequisites: Initial Practicum or equivalent course work, Reading 305, Spec Education 470/670. This course should be taken in the last term prior to student teaching. 480/680

- **Special Education 481** 3 units (crs.)

Advanced Behavior Management and Instruction

This course builds upon effective behavior management and instruction concepts, principles, and techniques covered in Special Education 381/581 and Special Education 480/680. Course emphasis is on understanding the process of behavioral change, instructional classroom management, self-management strategies, non-violent crisis intervention, social skills instruction, study and organizational skills, and metacognitive strategies. In addition, this course focuses on conflict resolution, including resolving conflicts between pupils and between pupils and school staff and peer mediation. Prerequisite: Initial Practicum or equivalent coursework and Special Education 480/680 (may be taken concurrently) and Admission I. 481/681

- **Special Education 483** 1-2 units (crs.)

Problems in Teaching Individuals with Emotional/ Behavioral Disorders

This course will deal with the problems associated with teaching emotionally/behaviorally disturbed students. Innovative programs and intervention strategies will be discussed and analyzed. Prerequisite: Admission II and concurrent enrollment in Special Education 484. 483/683

- **Special Education 484** 5-10 units (crs.)

Student Teaching of Individuals with Emotional/ Behavioral Disorders

Observation, participation, and responsible teaching experiences under supervision in a class of emotionally disturbed students. Prerequisite: Admission II and concurrent enrollment in Special Education 483. 484/684

- **Special Education 485** 1-2 units (crs.)

Seminar in Cross Categorical Special Education Teaching - Middle Childhood Through Early Adolescence

This course will deal with the problems associated with teaching students in cross categorical special education programs (middle school through early adolescence) (students labeled as learning disabled, emotionally/behaviorally disordered, and/or mentally retarded/cognitively disabled). Innovative programs and intervention strategies will be discussed and analyzed. Prerequisite: Admission to student teaching and Admission II and concurrent enrollment in Special Education 486/686. 485/685

- **Special Education 486** 5-10 units (crs.)

Student Teaching in Cross Categorical Special Education - Middle Childhood Through Early Adolescence

Observation, participation, and responsible teaching experience under supervision in cross categorical special education in a class at the middle childhood through early adolescence level (learning disabilities, emotional/behavioral disorders, and/or mental retardation/cognitive disabilities). Prerequisite: Admission II, restricted to special education majors, and concurrent enrollment in Special Education 485/685. 486/686

- **Special Education 487** 1-10 units (crs.)

Student Teaching Internship-CC Spec Ed Middle Childhood - Early Adolescence

Internship placement for students seeking cross categorical special education middle childhood through early adolescence licensure. Observation, participation, and responsible teaching experience under supervision in cross categorical special education in a class at the middle childhood through early adolescence level (learning disabilities, emotional/behavioral disorders, and/or mental retardation/cognitive disabilities). Prerequisites: Admission to student teaching and Admission II, restricted to special education majors, concurrent enrollment in Special Education. 485/685.

- **Special Education 489** 1-2 units (crs.)

Seminar in Cross Categorical Special Education Teaching - Early Adolescence Through Adolescence

This course will deal with the problems associated with teaching students in cross categorical special education programs (early adolescence through adolescence) (students labeled as learning disabled, emotionally/behaviorally disordered, and/or mentally retarded/cognitively disabled). Innovative programs and intervention strategies will be discussed and analyzed. Prerequisite: Admission to student teaching and Admission II and concurrent enrollment in Special Education 490/690. 489/689

- **Special Education 490** 5-10 units (crs.)

Student Teaching in Cross Categorical Special Education - Early Adolescence Through Adolescence

Observation, participation, and responsible teaching experience under supervision in a cross categorical special education class at the early adolescence through adolescence level (learning disabilities, emotional/behavioral disorders, and/or mental retardation/cognitive disabilities). Prerequisite: Admission II, restricted to special education majors, and concurrent enrollment in Special Education 489/689.

- **Special Education 491** 5-10 units (crs.)

Student Teaching Internship-CC Spec Ed Early Adolescence Through Adolescence

Internship placement for students seeking cross categorical special education early adolescence through adolescence licensure. Observation, participation, and responsible teaching experience under supervision in cross categorical special education in a class at the early adolescence through adolescence level (learning disabilities, emotional/behavioral disorders, and/or mental

retardation/cognitive disabilities). Prerequisites: Admission to student teaching and Admission II, restricted to special education majors, concurrent enrollment in Special Education 489/689.

- **Special Education 496** *1-3 units (crs.)*

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Permission of department chairperson required.

English

Information

Ron Rindo, Chairperson
Department Office: Radford Hall 201
Department Telephone: 920-424-2252
Code 38 or ENGLISH

Faculty

- Baker, Barnhill, Crawford, Dingleline, Feldman, Gales, Gemin, Haynes, Helmers, Hostetler, Klemp, Landry, Launius, Maguire, Ngaboh-Smart, Nuernberg, Pesta, Rindo, Robson, Roth, Schacht, Shaffer

Degrees

- **Undergraduate:** A major in English can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** Masters of Arts

Summary of Fields of Study

1. **GOAL(S)**
 - As part of the University's assessment plan, the department has established the following goals: majors in English will be able to comprehend familiar and unfamiliar texts; compare and contrast texts; write interpretive essays in effective prose; use reading and writing to address a wide variety of topics; articulate a critically informed, carefully reasoned position; find the kinds of information that are relevant to the problems being addressed; write and respond creatively; revise their own work and edit the work of others. Progress toward these goals will be assessed in a portfolio of student work, a senior seminar and an exit interview.
2. **THE MAJOR(S)**
 - The Department offers a choice of 2 majors. These are: 1) Liberal Arts, 2) Secondary Education.
3. **THE MINOR(S)**
 - The Department offers 2 minor(s): 1) Liberal Arts, 2) Secondary Education.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade of "C" (2.00) in each course counted toward the English major or minor.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **English**
 - English 281 Introduction to English Studies 3 cr.
 - English 381 Foundations of Literary Criticism 3 cr.
 - English 481 Senior Seminar in English Studies 3 cr.

The Major(s), with Emphasis and/or Options

1. LIBERAL ARTS ENGLISH MAJOR

Recommended for students who are pursuing a Bachelor of Science or Bachelor of Arts degree and have a potential interest in graduate study or pre-professional study such as law, social work, and government service.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the three Core Courses:
 - **AREA A.** 12 credits: Four Required Literature Courses at the 300 level or above. 3 credits must be chosen from each of the four groups.
 - **Group I:** The English Literary Tradition, including English 333, 340, 342, 351, 353, 356, 362, 363, 364, 365 or 369.
 - **Group II:** The American Literary Tradition, including English 314, 372, 373, 374, 375, 377, 378, 379 or 380.
 - **Group III:** Major Figures, including English 344, 346, 347 or 448.
 - **Group IV:** Women's, American Ethnic, and/or Post-Colonial Literature, including English 319, 332, 345, 349, 358, 361, 367, 370, 371, 393, 394 or 395.
 - **AREA B.** 3 credits in Rhetoric or Linguistics, including English 301, 322, 341, 383, 384, 385, 386, 387 or 452.
 - **AREA C.** 3 credits in creative writing, including English 204, 303, 304, 305, 306, 308, 329, 330 or 405.
 - **AREA D.** 3 credits in specialized literary or cultural studies chosen from either of the following groups.
Group 1: Cultural Studies; including 354, 357, 382, 390, 396.

Group 2: Specialized Literacy Studies; including 324, 326, 327, 334, 335, 336, 343, 350, 366, 391, 392, 482.

- 6 credits of Electives in English at or above the 300 level in any area; may not include 302, 307, 309, 310, 316, 317, 318, 321.
- **Comment:**
Majors may create emphases in any of the above areas within the major by choosing their courses carefully with the help of a departmental advisor. Liberal Arts English majors will want to consider supplementing their major with appropriate studies in African American Studies, Art, Communication, Environmental Studies, History, Interdisciplinary Studies, Journalism, Music, Philosophy, Radio/TV/Film, Theatre and Women's Studies.

2. **SECONDARY EDUCATION ENGLISH MAJOR**

Recommended for students who are preparing to teach secondary school or who are planning further graduate study in Education.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the three Core Courses:
 - **AREA A.** 15 credits: Five Required Literature Courses at the 300 level or above. At least 3 credits must be from each of the four areas below.
 - **Group I:** The English Literary Tradition, including English 333, 340, 342, 351, 353, 356, 362, 363, 364, 365 or 369. English 344 and English 346 may count toward this requirement with the signature of the chair.
 - **Group II:** The American Literary Tradition, including English 314, 372, 373, 374, 375, 377, 378, 379 or 380.
 - **Group III:** Shakespeare, including English 347 or 448.
 - **Group IV:** Two courses: Literature by Women, American ethnic writers and/or post-colonial writers, including English 319, 332, 345, 349, 358, 361, 367, 370, 371, 393, 394 or 395. (Appropriate sections of English 331 and 376 count toward this requirement with the signature of the chair and approved course modification.)
 - **AREA B.** 3 credits in Linguistics: English 301, 341, 383 or 384.
 - **AREA C.** 3 credits in creative writing, including English 204, 303, 304, 305, 306, 308, 329, 330 or 405.
 - **AREA D.** 3 credits in specialized literary or cultural studies chosen from either of the following groups.
Group 1: Cultural Studies; including 354, 357, 382, 390, 396.
Group 2: Specialized Literary Studies; including 324, 326, 327, 334, 335, 336, 343, 350, 366, 391, 392, 482.
 - **AREA E.** 3 credits in adolescent literature, including English 223 or Educational Leadership 303.

Comment:

English 307 meets the upper level University Composition requirement but does not count toward the unit (cr.) requirements for the English Major.

The Minor(s)

1. LIBERAL ARTS ENGLISH MINOR

Recommended for students who wish to supplement a major within a related field of the Humanities.

- **Required Units (crs.):** 21 minimum
- **Required Courses:** Students minoring in English may choose one of four options: creative writing, rhetoric, literature, or linguistics. Each option requires a minimum of 21 units (crs.).

Students becoming secondary education teachers who wish to teach English as an additional subject in grades 6-12 must choose the Secondary Education English Minor, which is 27 units (crs.).

▪ CREATIVE WRITING

- 3 units (crs.): English 281, Introduction to English Studies
- 12 units (crs.): Four of the following: English 204, 303, 304, 305, 306, 308, 329, 330, 385 and 405.
- 6 units (crs.): Two of the following: English 314, 319, 322, 324, 326, 327, 331, 333, 334, 336, 337, 339, 340, 342, 343, 344, 345, 346, 347, 349, 350, 351, 353, 354, 355, 356, 357, 358, 361, 362, 363, 364, 365, 366, 367, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 390, 391, 392 and 448.

▪ RHETORIC

- 3 units (crs.): English 281
- Educational Foundations 15 units (crs.): Four or Five of the following: English 301, 322, 354, 381, 382, 383, 386 and/or 387.
- 3-6 units (crs.): One or Two of the following: English 303, 308, 317 and/or 385.

▪ LITERATURE

- 3 units (crs.): English 281
- 12 units (crs.): Four literature courses, one in each of four areas of the Liberal Arts Major:
 - The English Literary Tradition, including English 333, 340, 342, 351, 353, 356, 362, 363, 364, 365 or 369.
 - The American Literary Tradition, including English 314, 372, 373, 374, 375, 377, 378, 379 or 380.
 - Major Figures, including English 344, 346, 347 or 448.
 - Women's American Ethnic, and/or Post-Colonial Literature, including English 319, 332, 345, 349, 358, 361, 367, 370, 371, 393, 394, or 395. (Note: Appropriate sections of English 331 and 376 count toward this requirement with the signature of the chair.)
- 3 units (crs.): One course in Area D, cultural studies, including English 324, 326, 327, 334, 335, 336, 339, 340, 350, 354, 357, 366, 382, 391, 392, 396 or 482.

- 3 units (crs.): One additional literature course in English at or above the 300 level.
 - **LINGUISTICS**
 - 3 units (crs.): English 281
 - 3 units (crs.): One of the following: English 301 or 383.
 - 3 units (crs.): Proficiency in a foreign language, demonstrated by passing a 300-level course in French, Spanish, or German, or by passing a fourth term course in Russian or Japanese. (This requirement is waived for students whose native language is other than English. These students must add a third course in either of the categories below.)
 - 6 units (crs.): Two of the following: English 320, 341, 384 or 452.
 - 6 units (crs.): Two of the following: Anthropology 102, 272 or 274; Computer Science 381; Mathematics 122; Philosophy 202, 316 or 422; French 303 or 312; German 312 or 314; Spanish 307 or 312; or Communication 358.
2. **SECONDARY EDUCATION ENGLISH MINOR**
Recommended for students who wish to teach English as an additional subject in grades 6-12.
- **Required Units (crs.):** 27 minimum.
 - 3 units (crs.): English 281
 - Area A: 12 units (crs.): Four required literature courses.
 - **One** course in English Literary Tradition, including English 333, 340, 342, 344, 346, 351, 353, 356, 362, 363, 364, 365 or 369.
 - **One** course in American Literary Tradition, including English 314, 372, 373, 374, 375, 377, 378, 379 or 380.
 - **One** course in Shakespeare, including English 347 or 448.
 - **One** course in literature by women, American ethnic and/or post-colonial writers, including English 319, 332, 345, 349, 358, 361, 367, 370, 371, 393, 394, or 395.
 - Area B: 3 units (crs.): One linguistics course, English 301, 341, 383, 384
 - Area C: 3 units (crs.): One course in creative writing, including English 204, 303, 304, 305, 306, 308, 329, 330 or 405.
 - Area D: 3 units (crs.): One course in specialized literacy or cultural studies chosen from either of the following groups.
Group 1: Cultural Studies; including 354, 357, 382, 390, 396.
Group 2: Specialized Literacy Studies; including 324, 326, 327, 334, 335, 336, 343, 350, 366, 391, 392, 482.
 - **One** of the following: English 223 or Educational Leadership 303.
 - **Comment:**
English 307 meets the University Composition Requirement but does not count toward the unit (cr.) requirements for the English Minor.

Course Offerings

- **Writing-Based Inquiry Seminars 188** 3 units (crs.)

Writing-Based Inquiry Seminars (WBIS) (EN)

In this course, students will develop their writing, critical reading, and critical thinking skills by exploring a single topic in depth. Students are expected to participate actively in their own learning through class discussions and group activities. The theme will vary, depending on the instructor. Students should check with their advisor or the WBIS website to determine the theme for each section. Successful completion of this course will fulfill the Writing-Based Inquiry Seminar requirement. Students who have earned credit for English 101 may not take English 188. Students cannot earn credit for both English 101 and WBIS 188 Prerequisite: Restricted to students with less than 30 credits

- **English 100** 3 units (crs.)

Foundations of College English

A course designed to develop competencies in the fundamentals of English grammar, usage, sentence structure, and paragraph writing. Through individualized instruction and tutoring, students placed in English 100 are prepared, upon satisfactory completion, to enter English 101. Units (crs.) earned in English 100 do not apply toward the 42 unit (cr.) general education requirement or toward the minimum 120 units (crs.) required for graduation. Pass/Fail course.

- **English 101** 3 units (crs.)

College English I (EN)

A Writing-Based Inquiry Seminar for university students with 30 or more credits and for CAPP students designed primarily to develop the understanding and skills needed to read and write effectively at the college level. Some attention is given to responsible handling of research materials. Successful completion of English 101 fulfills the first level of the General Education composition requirement. Successful completion will fulfill the Writing-Based Inquiry Seminar requirement. Students who have earned credit for WBIS 188 may not take English 101. Students cannot earn credit for both English 101 and WBIS. Prerequisite: 30 units (crs.).

- **English 103** 1 units (crs.)

Informational Research Methods Lab: Humanities-Trial Course

A skills-based information literacy lab coordinated with English 302, Advanced Composition: Writing about the Humanities. Students will be introduced to methods of finding, evaluating, and using library resources in their discipline. Students wishing to take English 103 must enroll in the co-requisite section of English 302. Prerequisite: Enrollment in co-requisite section of English 302; 60 units (crs.) (including any writing-based inquiry seminar (WBIS 188), or English 101 or English 110) or consent of department chair.

- **English 110** 3 units (crs.)

Honors: Composition (EN)

A Writing-Based Inquiry Seminar for eligible students, designed to enhance writing ability, focus on critical and interpretive reading and introduce basic university research procedures. Prerequisite: Score of 29 or higher on the English ACT exam, placement through the Wisconsin English Placement Test (WEPT) if seats are available or enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Substitutes for English 101.

- **English 111** 3 units (crs.)

Honors: Critical Reading and Writing (EN)

A Writing-Based Inquiry Seminar in critical reading and writing designed to challenge the advanced academic abilities of University Honors. Students will read Great Books of the Western World including Plato, Sophocles, The Bible and Shakespeare; students will be asked to critically evaluate what they have read and to produce written reports. Prerequisite: University Honors program. Substitutes for English 101.

- **English 121** 3 units (crs.)

English for the Non-Native Speaker

A course for students for whom English is a second language designed to develop advanced communication skills in reading and writing, with emphasis on grammar. Units (crs.) will be granted toward graduation only if the student takes the course as part of his or her first thirty units (crs.) and earns a grade of B or better.

- **English 202** 3 units (crs.)

College English II (EN)

A composition course designed to develop advanced writing abilities in more complex essay forms, in critical analysis of writing, and in the study and application of university level research skills.

- **English 203** 3 units (crs.)

Honors: Advanced Expository Writing (EN)

A second composition course, for University Honors students not required by their majors to take English 307, 309, 310 or 321. Designed to develop advanced writing and analytical reading abilities in the more complex essay forms encountered in upper-level courses in the students' majors and in other University Honors courses. Emphasis on group discussions in a seminar format, interdisciplinary study, and independent research. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110.

- **English 204** 3 units (crs.)

Introduction to Creative Writing

An introduction to a number of creative written and/or graphic genres including poems, concrete poems, prose-poems, short stories, cartoons, plays, and graphic novels, plus approaches to reading and writing about related texts. Does not fulfill General Education Humanities requirement. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110.

- **English 210** 3 units (crs.)

Classical and Medieval Literature (HU)

A study of the literature from antiquity to the Renaissance, which may include classical works of Greece, Rome, Britain, and continental Europe. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 211** 3 units (crs.)

British Literature I (HU)

A study of English literature from its beginnings to 1800. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 212** 3 units (crs.)

British Literature II (HU)

A study of English literature from 1800 to present. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 213** 3 units (crs.)

American Literature I (HU)

A study of American literature from its beginnings to the Civil War. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 214** 3 units (crs.)

American Literature II (HU)

A study of American literature from the Civil War to 1950. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 218** 3 units (crs.)

Introduction to Multiethnic Literatures (HU) (ES)

A comparative introduction to multiethnic literatures. Course content will highlight the similarities and differences between and among themes, cultures, histories, or periods of development in a variety of ethnic literary traditions. The ethnic literatures introduced may include or stem from Asian, Pacific Islander, Latina/o, African, European, Jewish, and/or indigenous literary traditions. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 219** 3 units (crs.)

African American Literature (HU) (ES)

A survey of the various forms of literature through which African Americans have contributed to the diversity of American life and literature. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 220** 3 units (crs.)

Native American Literature (ES) (HU)

A study of the literature written by Native Americans in its cultural and social context. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 221** 3 units (crs.)

Asian American Literature (HU) (ES)

An introductory survey of contemporary Asian American literature, emphasizing the historical and cultural contexts out of which it emerges. May include poetry, short stories, memoirs, drama and novels by a variety of Asian American writers. Focuses on themes and questions raised regarding gender, class, national origins and identity. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 222** 3 units (crs.)

Introduction to Latina/o Literature (ES) (HU)

An introduction to Latina/o literature. Course content will introduce students to the different themes, histories, cultures, or periods of development in the body of Latina/o literature. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 223** 3 units (crs.)

Young Adult Literature

A study of literature written for young people. Required for Secondary Education English majors and minors. Does not fulfill General Education Humanities requirements. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110.

- **English 224** 3 units (crs.)

Women in Literature (HU)

Representations of women and female experiences in literature. A variety of genres and historical periods may be covered from American, British, and/or colonial literatures.

Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110.

Cross-listed: English 224/Women's Studies 224. Students may receive credit for only one of the two cross-listed courses. Writing assignments will be required.

- **English 225** 3 units (crs.)

Modern British Literature (HU)

A study of works by 20th-Century British writers. Primarily for non-majors. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 226** 3 units (crs.)

Modern American Literature (HU)

A study of works by post-19th century American writers. Primarily for non-majors. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required

- **English 227** 3 units (crs.)

Modern World Literature (HU) (NW)

A study of works by modern world authors, in English or English translation. This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Recommended for non-majors. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 228** 3 units (crs.)

Honors: Modern American Literature (HU)

A study of works by 20th-Century American writers. Recommended for non-majors in the University Honors Program. Substantially the same content as English 226, but with a greater emphasis on student participation and individualized study. Prerequisites: Any Writing-Based Inquiry Seminar (WBIS 188) or equivalent and enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title. Writing assignments will be required.

- **English 229** 3 units (crs.)

Honors: African American Literature (HU) (ES)

A study of the range of literature African Americans have produced from the antebellum era forward, with an emphasis on historical and cultural context. Similar in content to English 219, with a greater emphasis on class participation and individualized projects. Prerequisites: Any Writing-Based Inquiry Seminar (WBIS 188) or equivalent an enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Writing assignments will be required.

- **English 231** 3 units (crs.)

Literature and Film (HU)

A study of some significant literary works in conjunction with their film adaptations to compare artistic representations. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 238** 3 units (crs.)

Introduction to the Literature of India (NW) (HU)

A study of significant literary works of India in their cultural contexts. All texts are in English or English translation. Meets University non-Western requirement. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 239** 3 units (crs.)

Introduction to Chinese Literature (NW) (HU)

A study of works by selected Chinese essayists, poets, novelists, and short story writers from the Classical Age to the present. All texts are in English translation. Meets University non-Western requirement. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188) or English 101 or English 110. Writing assignments will be required.

- **English 240** 3 units (crs.)

Introduction to Japanese Literature (NW) (HU)

A survey of selected Japanese works from the classical period to the present. All texts are in English translation. Meets University non-Western requirement. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110.

- **English 243** 3 units (crs.)

Introduction to Nature Writing (HU)

An introduction to nature writing. Various authors and historical periods may be covered. Focus on the personal essay, but poetry and fiction may also be considered. Writing assignments will be required. Cross-listed: English 243/Environmental Studies 243. Students may receive credit for only one of the two cross listed courses. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110.

- **English 244** 3 units (crs.)

Japanese Nature Writing (HU) (NW)

An examination of selected Japanese literary works, with a focus on the significance of nature in Japanese literature. All texts are in English translation. Cross-listed: English 244/Environmental Studies 244. Students may receive credit for only one of the two cross listed courses. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 247** 3 units (crs.)

Introduction to Shakespeare (HU)

Introduction to Shakespeare is a course for non-English majors. It will cover several of the best-known plays as such Romeo and Juliet, Macbeth, Hamlet, Much Ado About Nothing, Taming of the Shrew, and Henry IV. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **English 281** 3 units (crs.)

Introduction to English Studies

An introduction of the many facets of English Study, including literary theory, multicultural literature, and approaches to reading and writing about a variety of texts, such as fiction, poetry, essays, film, and others. This is a required course for all English majors. Does not fulfill the General Education Humanities requirements. Prerequisites: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101 or English 110 and one of the following: English 210, 211, 212, 213, 214, 219, 220, 224, 225, 226, 227, 228, 229, 231 or 247.

- **English 301** 3 units (crs.)

Modern Grammars

Intensive study of English grammar, sentence structure and mechanics. Designed for students preparing to teach English and for others who desire to master fundamentals of the language.

Prerequisite: English 281 or consent of instructor. 301/501

- **English 302** 3 units (crs.)

Advanced Composition: Writing About the Humanities (EN)

An advanced composition course designed to enhance proficiency in critical reading and thinking and in expository writing on issues relevant to the Humanities and Fine Arts.

Recommended for majors in any of the Humanities and Fine Arts. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. English 302 may not be taken concurrently with English 307, 309, 310, 316, 317, 318, 321, or 389.

- **English 303** 3 units (crs.)

Creative Writing: Fiction I

A course designed to provide opportunity for analysis of original student writing through a seminar or workshop approach. Assigned readings of professional fiction as well as selected student samples are offered for in-class discussion and critique. Prerequisite: English 281 or consent of department chair. 303/503

- **English 304** 3 units (crs.)

Advanced Fiction Writing

A course designed to provide further opportunity for analysis and critique of students' creative fiction. Class structure, requirements, and assignments are similar to English 303, but greater emphasis is placed on the scope and development of work. Prerequisite: English 303 or consent of department chair. 304/504

- **English 305** 3 units (crs.)

Creative Writing: Poetry I

A course designed to provide a workshop approach to student writing and analysis. Student poetry is given constructive in-class critique. Requirements include a minimum of one original poem each week and outside reading in contemporary poetry, with attention to form and content. Prerequisite: English 281 or consent of instructor. 305/505

- **English 306** 3 units (crs.)

Advanced Poetry Writing

A course designed to provide further opportunity, through a workshop approach, for close analysis and critique of student writing. Class structure, requirements, and assignments are similar to English 305, but each student is expected to demonstrate increased proficiencies in the discovery and development of a personal style. Prerequisite: English 281 or consent of instructor. 306/506

- **English 307** 3 units (crs.)

Advanced Composition for Secondary Education - Maj/Min (EN)

An advanced composition course for Secondary Education English majors and minors, designed to develop further skills in analyzing and researching contemporary uses of written English. Attention is also given to the writing process as it is employed in the secondary classroom. Prerequisite: 45 units (crs.) (including any Writing-Based Inquiry Seminar (WBIS 188), or English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of

Advanced Comp per semester. English 307 may not be taken concurrently with English 302, 309, 310, 316, 317, 318, 321 or 389.

- **English 308** 3 units (crs.)

Autobiography: Theory and Practice

The course is designed to explore the definition and expression of personal identity through the genre of autobiography. There will be three areas of focus: the composition of an autobiography by the students, primary readings of autobiographies, and writing and language theory about the construction of narrative and the representation of the self through writing. Prerequisite: English 281 or consent of instructor. 308/508

- **English 309** 3 units (crs.)

Advanced Composition for Business (EN)

An advanced composition course for Business majors, designed to enhance proficiency in critical reading and thinking and in expository writing on issues relevant to business. Attention is also given to business communications such as correspondence, reports, and resumes. Required of Business majors. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 credits Advanced Comp per semester. English 309 may not be taken concurrently with English 302, 307, 310, 316, 317, 318, 321 or 389.

- **English 310** 3 units (crs.)

Honors: Advanced Composition for Business (EN)

An advanced composition course, equivalent to English 309, for Business majors enrolled in the University Honors program. This course is designed to enhance proficiency in critical reading and thinking and in expository writing. Honors students who complete English 101 or English 110 and English 310 have completed the General Education composition requirement. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202 or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. University Honors Program participant with prior or concurrent enrollment in HNRS 175. English 310 may not be taken concurrently with English 302, 307, 309, 316, 317, 318, 321 or 389.

- **English 314** 3 units (crs.)

19th-Century American Novel

A study of the American novel between 1800 and 1900, which will include examination of important figures, texts, and themes. Prerequisites: English 281 or consent of instructor.

- **English 316** 3 units (crs.)

Advanced Composition: Writing About the Social Sciences (EN)

An advanced composition course, designed to enhance proficiency in reading and thinking and in expository writing on issues relevant to the social sciences. Recommended for majors in any of the social sciences. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. English 316 may not be taken concurrently with English 302, 307, 309, 310, 317, 318, 321 or 389.

- **English 317** 3 units (crs.)

Technical Writing (EN)

An elective composition course, designed to develop proficiency in writing technical and scientific reports and articles related to students' areas of specialization. Recommended by some major departments. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar

(WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. English 317 may not be taken concurrently with English 302, 307, 309, 310, 316, 318, 321 or 389.

- **English 318** 3 units (crs.)

Advanced Composition: Writing About the Sciences (EN)

An advanced composition course for Science majors, designed to enhance proficiency in critical reading and thinking and in expository writing on issues relevant to the sciences with additional emphasis on research. Recommended for majors in the sciences and mathematics. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. English 318 may not be taken concurrently with English 302, 307, 309, 310, 316, 317, 321 or 389.

- **English 319** 3 units (crs.)

African American Literature II - Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies may include African American literature of the 18th, 19th, and 20th Centuries, oral tradition poetry, and surrounding cultural materials.

Prerequisite: English 281 or consent of instructor. 319/519

- **English 320** 3 units (crs.)

Psycholinguistics

An introduction to the study of mental processes involved in listening to, speaking and learning language. Particular attention is given to language acquisition and development and the implications of psycholinguistics for the children learning to speak, read, and write. Prerequisite: English 301 or English 383. 320/520

- **English 321** 3 units (crs.)

Advanced Composition for Elementary Education Majors (EN)

An advanced composition course for Elementary Education majors, also usually taken by Special Education majors. Designed to develop advanced abilities in expository writing, in research writing, and in the study of the American English language. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 crs. of Advanced Comp per semester. English 321 may not be taken concurrently with English 302, 307, 309, 310, 316, 317, 318 or 389.

- **English 322** 3 units (crs.)

Theories of Rhetoric and Writing

An introduction to the field of rhetoric and composition. Providing an overview of the field, this course will draw on the history, trends, theories, practices, and pedagogical approaches of the discipline of rhetoric and composition. Prerequisite: English 281 or consent of instructor. 322/522

- **English 324** 3 units (crs.)

Gender in Literature: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of literature from various periods illustrating gender roles in their cultural and social contexts. Cross-listed: English 324/Women's Studies 324. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **English 326** 3 units (crs.)

Studies in Classical Mythology

A survey of Greek and Roman mythology and its influence on Western literature and art.

Prerequisite: English 281 or consent of instructor.

- **English 327** 3 units (crs.)

Detective Fiction

A study of detective fiction in the short story and the novel. Prerequisite: English 281 or consent of instructor.

- **English 329** 3 units (crs.)

Creative Writing: Playwriting I

A workshop in playwriting, focusing on the distinctive qualities of theatrical representation and the basic skills of dialogue, plot, and collaboration with supporting theater artists. Prerequisite: English 281 or consent of instructor. 329/529

- **English 330** 3 units (crs.)

Creative Writing: Playwriting II

An advanced workshop in playwriting focusing intensively on student writing with invited feedback from directors, designers, dramaturgs, and other writers. Students will complete a one-act play or other proposed project. Prerequisite: English 329 or consent of instructor. 330/530

- **English 331** 3 units (crs.)

Contemporary Literature: Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies in poetry and fiction from the past 25 years.

Prerequisite: English 281 or consent of instructor. 331/531

- **English 332** 3 units (crs.)

Early Women Writers - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of women writers before 1900. The content will vary from term to term, and may include such subjects as Ancient, Medieval, Renaissance, Early American, Eighteenth-and Nineteenth-Century Women Writers. Cross-listed: English 332/Women's Studies 332. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **English 333** 3 units (crs.)

British Poetry: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A seminar focusing on the themes, technical innovations, and theories of influential British poets. Prerequisite: English 281 or consent of instructor.

- **English 334** 3 units (crs.)

Wisconsin in Literature

Studies in Wisconsin literature, legends, and lore. Prerequisite: English 281 or consent of instructor.

- **English 335** 3 units (crs.)

Personal Narratives - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies may include biographies, autobiographies,

memoirs, diaries, letters, journals, oral history interviews and/or as-told-to-narratives.

Prerequisite: English 281 or consent of instructor. 335/535

- **English 336** 3 units (crs.)

The Bible as Literature

The principal literary genres of the Old and New Testaments, emphasizing thematic content and historical background. The text studied is the King James Version. Prerequisite: English 281 or consent of instructor. 336/536

- **English 340** 3 units (crs.)

Arthurian Legend and Romance

A study of the Arthurian legend from the earliest sources, the development of Arthurian Romance cycles, and the influence of the legend in other British literature. Prerequisite: English 281 or consent of instructor.

- **English 341** 3 units (crs.)

History of the English Language

The history of modern English focusing on vocabulary, dialects, kindred languages, grammar, and pronunciation. Includes an introduction to Old and Middle English. Prerequisite: English 281 or Junior standing. 341/541

- **English 342** 3 units (crs.)

Literature of the Romantic Era Green Romanticism: Optional Content

Examines the important role romantic literature has played in the history of Western environmentalism and role that environmental science and environmentalism have played in the romantic movements. Examines the relationships between people and how the landscape is imagined in poetry and prose, and how both literature and the land itself is structured by institutions of class, economics, gender, science, and law. This course may be offered with different content. Cross-listed: Environmental Studies 342/English 342 With a different subtitle, it may be taken twice with the signature of the department chair. Prerequisite: English 281 or consent of instructor. 342/542

- **English 343** 3 units (crs.)

Nature Writing: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A course in reading and writing about the natural world. Writers discussed may include Henry David Thoreau, Aldo Leopold, Annie Dillard, and others. Student writing will represent a significant portion of the coursework. Writing assignments may include essays on natural history, journal entries, environmental advocacy pieces, eco-fiction, and others consistent with the focus of the course. Cross-listed English 343/Environmental Studies 343. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **English 344** 3 units (crs.)

Milton

Milton's major and minor poems and selected prose writings in relation to the background of the literature and his times. Prerequisite: English 281 or consent of instructor. 344/544

- **English 345** 3 units (crs.)

Twentieth-Century Women Writers - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies in literature written by women in the 20th-century, with emphasis on works by contemporary authors. Cross-listed: English 345/Women's

Studies 345. Students may receive credit for only one of the two cross-listed courses.

Prerequisite: English 281 or consent of instructor.

- **English 346** 3 units (crs.)

Chaucer and His Age

A study of the major works in medieval English literature with emphasis on Chaucer.

Prerequisite: English 281 or consent of instructor. 346/546

- **English 347** 3 units (crs.)

Shakespeare I

Selected major plays in relation to dramatic conventions of the Renaissance and to modern productions. Prerequisite: English 281 or consent of instructor. 347/547

- **English 349** 3 units (crs.)

Honors: Twentieth-Century Women Authors

Studies in literature by American and British women writers of the 20th century, with emphasis on works by contemporary authors. Prerequisite: English 281 or consent of instructor. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **English 350** 3-4 units (crs.)

Literary Study Tour - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with the signature of the department chair. A course in British, American, or post-colonial literature which includes a conducted tour of sites in England, the U.S., or other regions pertinent to the focus the tour takes in any given year. Offered jointly by the English Department and the Division of Continuing Education. Itineraries, special course fees, and specific course requirements will be available whenever the course is offered. 350/550

- **English 351** 3 units (crs.)

Medieval Literature - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of medieval literature including such subjects as Anglo-Saxon literature, Nordic literature, Icelandic Sagas, non-Chaucerian Middle English, Medieval drama, and Monastic literature. 351/551

- **English 353** 3 units (crs.)

Early Modern British Literature 1485-1660: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of the significant plays, poetry, and prose, which may include works of More, Spenser, Marlowe, Jonson, Bacon, Donne, and the Cavaliers and the Metaphysicals. Excludes Shakespeare. Prerequisite: English 281 or consent of instructor.

- **English 354** 3-6 units (crs.)

Studies in Travel, Literature, and Culture: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of travel narratives that investigates issues of representation, construction of self and others, and assumptions about culture, customs, and behavior. Fiction and nonfiction may be considered as well as films, photographs, advertisements, and maps. Prerequisites: English 281 or consent of instructor. 354/554

- **English 356** 3 units (crs.)

Special Topics in Early British Drama: Optional Content

This course may be offered with different content. With a different subtitle, and the signature of the department chair, it may be taken twice. This study of English drama will focus on one of a variety of topics relevant to medieval, early-modern, and/or Restoration periods, such as the Early-modern Theater as Political Space, The Drama of Revenge, Early-Modern Drama as Colonialist Discourse, or Problematizing Gender in Medieval, Early-modern, and Restoration drama. Prerequisite: English 281 or consent of instructor. 356/556

- **English 357** 3 units (crs.)

Literature and Other Arts - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with the signature of the department chair. Different versions of the course will address a literary theme, period or genre in relation to a specific form of visual, aural or performing art.

Prerequisite: English 281 or consent of instructor. 357/557

- **English 358** 3 units (crs.)

Postcolonial Literature - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with the signature of the department chair. This course presents a selection of prose, poetry, and drama that constructs the literary tradition of newly independent countries in the 20th century such as Africa, India, and Jamaica. Among topics to be covered are nationalism, identity, gender, and oral traditions. Prerequisite: English 281 or consent of instructor. 358/558

- **English 361** 3 units (crs.)

Asian American Literature - Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. This course will concentrate on different themes or different Asian American cultures or different periods of development in the body of literature. Prerequisite: English 281 or consent of instructor. 361/561

- **English 362** 3 units (crs.)

British Literature of the Long Eighteenth Century: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Genres covered may include poetry, essays, satire, and/or drama of the long eighteenth century (1660-1837); topics covered may include imperialism, nationalism, gender, class, and/or racial issues, country life versus city life, Enlightenment, revolution, and literary professionalism. The course may or may not cover the entire period of the long eighteenth century. Prerequisite: English 281 or consent of instructor. 362/562

- **English 363** 3 units (crs.)

Eighteenth-Century English Novel

A study of the novel before 1800: Defoe, Richardson, Fielding, Sterne and Smollett; the development of the historical romance, Gothic romance, and the novel of manners. Prerequisite: English 281 or consent of instructor. 363/563

- **English 364** 3 units (crs.)

19th-Century British Novel: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of the British novel from 1800 to 1900 which might include Austen, Scott, Bronte, Thackeray, Dickens, Eliot, Meredith, and Hardy. Prerequisite: English 281 or consent of instructor.

- **English 365** 3 units (crs.)

Modern British Fiction - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of 20th-century British fiction. Prerequisite: English 281 or consent of instructor. 365/565

- **English 366** 3 units (crs.)

Science Fiction

An examination of major 20th-century works in science fiction. Prerequisite: English 281 or consent of instructor.

- **English 367** 3 units (crs.)

African Literature (NW)

A course on the culture and literature of African national communities. The focus will be on authors from various national communities whose writings have significantly shaped African literature. This course will include works by both men and women. Prerequisite: English 281 or consent of instructor. 367/567

- **English 369** 3 units (crs.)

Literature of the Victorian Period: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of the major figures, texts, and themes of the Victorian era. Prerequisite: English 281 or consent of instructor. 369/569

- **English 370** 3 units (crs.)

Native American Literature II - Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies may include Native American literature of the 19th and 20th centuries, oral tradition, poetry, and surrounding cultural materials. Prerequisite: English 281 or consent of instructor. 370/570

- **English 371** 3 units (crs.)

African American Women Writers - Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. An examination of work by African American women writers such as Toni Morrison, Gloria Naylor, Alice Walker, Paule Marshall and others. Cross-listed: English 371/Women's Studies 371. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor. 371/571

- **English 372** 3 units (crs.)

American Short Story: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of major writers and their techniques from Poe to the present. Prerequisite: English 281 or consent of instructor. 372/572

- **English 373** 3 units (crs.)

Colonial and Federalist Literature

American writing from the beginning through the early years of the Republic. Prerequisite: English 281 or consent of instructor. 373/573

- **English 374** 3 units (crs.)

American Romanticism

A study of writers such as Emerson, Fuller, Thoreau, Irving, Cooper, Melville, Hawthorne, Stowe, and/or others. Prerequisite: English 281 or consent of instructor. 374/574

- **English 375** 3 units (crs.)

American Realism and Naturalism

Studies of American prose from the Civil War to World War I: Twain, Howells, Adams, James, Crane, and others. Prerequisite: English 281 or consent of instructor. 375/575

- **English 376** 3 units (crs.)

Twentieth-Century Literature: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies of fiction, poetry, drama, and criticism from 1920 to the present. Prerequisite: English 281 or consent of instructor. 376/576

- **English 377** 3 units (crs.)

Major Figures of American Literature: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of one, two or three writers from any period in American Literature, Louise Erdrich, Edgar Allan Poe, Richard Wright, Nathaniel Hawthorne, Herman Melville, Emily Dickinson, Toni Morrison and Adrienne Rich. Prerequisite: English 281 or consent of instructor. 377/577

- **English 378** 3 units (crs.)

Modern American Novel: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of the development of the American novel after 1920. Prerequisite: English 281 or consent of instructor. 378/578

- **English 379** 3 units (crs.)

American Poetry: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. This course focuses on American poetry. It may be taught by highlighting a certain era in poetry such as modernism or by sampling a range of poets across the centuries. The featured writers in the course might include such figures as Phyllis Wheatley, Emily Dickinson, Walt Whitman, Langston Hughes, H. D., Adrienne Rich, or Joy Harjo among others. Prerequisite: English 281 or consent of instructor. 379/579

- **English 380** 3 units (crs.)

Modern Drama: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. The content of this course, a study of modern and contemporary drama, will vary from semester to semester, and may include drama from around the world or from a particular culture. The course features an introduction to various forms of drama. Prerequisite: English 281 or consent of instructor. 380/580

- **English 381** 3 units (crs.)

Foundations of Literary Criticism

An analysis of critical theories and their influence from the Greeks and Romans to the present; application of these theories to selected literary texts. Prerequisite: English 281. 381/581

- **English 382** 3 units (crs.)

Contemporary Cultural Mythology - Optional Content

An introduction to types of cultural studies that emphasizes the range of interpretations of everyday texts and events. The course features criticism such as structuralism, semiotics, and feminism and application of theories to selected literary texts. Prerequisite: English 281 or consent of instructor. 382/582

- **English 383** 3 units (crs.)

Introduction to English Linguistics

An introduction to sounds, word forms, and sentence structures of English. Special emphasis on theories of grammar affecting today's classroom. Prerequisite: English 281 or Junior standing. 383/583

- **English 384** 3 units (crs.)

Sociolinguistics

An introduction to theories and methodologies that describe variation in language. Special attention will be given to the social factors that affect language use, language policy, and attitudes toward language in education and everyday interaction. Prerequisite: English 281 or Junior standing. 384/584

- **English 385** 3 units (crs.)

Computers and Writing

In this course, students will explore the potential effects of computers on the writing process and on writing pedagogy. We will survey the research on the effects of computers on the social and cognitive aspects of writing, and we will study some theoretical works that attempt to predict the ways in which writing will continue to change in an increasingly computer-rich society. Students will analyze and critique hypertextual essays and stories, and will compose hypertexts of their own. Prerequisite: English 281 or consent of instructor.

- **English 386** 3 units (crs.)

The Rhetoric of Literature

A rhetorical approach analyzes literature as a persuasive device. In this course, students will read a variety of literary works and discuss the personal and social viewpoints and biases that these works reveal; explore theoretical and psychological studies of the nature of narrative as a discursive act; and discuss the rhetorical power of literature as compared with other forms of discourse that are more commonly thought of as "rhetorical." Prerequisite: English 281 or consent of instructor. 386/586

- **English 387** 3 units (crs.)

Special Topics in Rhetoric and Composition - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with signature of the department chair. Students will study, in substantial depth, one topic in the field of rhetoric and composition. The topic will be chosen by the instructor. Prerequisite: English 281 or consent of instructor.

- **English 389** 3 units (crs.)

Advanced Composition for Nursing (EN)

An advanced composition course for Nursing majors, designed to enhance proficiency in critical reading and thinking and in expository writing on issues relevant to the nursing profession, with additional emphasis on research. Prerequisite: 45 units (crs.) including any Writing-Based Inquiry Seminar (WBIS 188), English 101, English 110, English 202, or consent of department chair. Limit to 3 credits of Advanced Comp per semester. English 389 may not be taken concurrently with English 302, 307, 309, 310, 316, 317, 318 or 321.

- **English 390** 3 units (crs.)

Film and Literary Studies - Optional Content

This course may be offered with different content. With a different subtitle, and the signature of the department chair, it may be taken twice. The course will examine the relationship between film, literature and the culture in which and for which they are produced. Films that adapt novels,

short stories, and/or plays will be examined, and films themselves will be examined as texts. A brief review of artistic terms (with regard to writers and film makers) will be provided. These will be the tools used to discuss how the artists affect us in terms of theme, plot, characterization, mood and imagery. Prerequisite: English 281 or consent of instructor. 390/590

- **English 391** 3 units (crs.)

Gay and Lesbian Literature - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with the signature of the department chair. An examination of lesbian and gay literature, with emphasis on work by contemporary authors. Readings will be arranged thematically, with particular attention to identity politics and to the AIDS epidemic. Cross-listed: English 391/Women's Studies 391. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281.

- **English 392** 3 units (crs.)

Special Topics in Literature - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. The course focuses on topics that cross generic, temporal, and/or regional boundaries. Possible topics to be covered include gothicism; sex, sensibility and romanticism; subjectivity, identity, and agency; and the literature of aging. Prerequisite: English 281 or consent of instructor. 392/592

- **English 393** 3 units (crs.)

Latina/o Literature: Optional Content (HU) (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Course content will concentrate on the different themes, histories, cultures, or periods of development in the body of Latina/o literature.

Prerequisite: English 281 or the consent of instructor. 393/593

- **English 394** 3 units (crs.)

Multiethnic Literatures: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Course content will highlight the similarities and differences between and among different themes, cultures, histories, or periods of development in a variety of ethnic literary traditions. The ethnic literatures introduced may include or stem from Asian, Pacific Islander, Latina/o, African, European, Jewish, and/or indigenous literary traditions. Prerequisites: English 281 or consent of instructor. 394/594

- **English 395** 3 units (crs.)

Caribbean Literature: Optional Content

This course may be offered with different content. A study of Caribbean literature in English or English translation. Topics might include women's writing, travel narratives, or colonial/post-colonial discourse. With a different subtitle and the signature of the department chair, it may be taken twice. Prerequisites: English 281 or consent of instructor. 395/595

- **English 396** 3 units (crs.)

Literature and History: Optional Content

An exploration of the relationship between history and literature. This course may investigate a period or year or series of historical moments in order to emphasize the dynamic relationships among historical events, attitudes, and literary representations, challenging artificial distinctions between literature and history and emphasizing how the categories of "history" and "literature" are cultural constructs. This course may be offered with different content. With a different

subtitle, it may be taken twice with the signature of the department chair. Prerequisites: English 281 or consent of instructor. 396/596

- **English 402** 3 units (crs.)

Internship

Students will work outside at an internship site approved by the instructor. In addition, students will meet weekly to address issues related to professional development and the workplace environment. At these weekly meetings, students will discuss assigned readings on a range of topics such as diversity in the workplace and writing in a professional setting. Students will present a summary report of their internship experience at the end of the term. Prerequisite: English 281, English major with junior standing, minimum 3.25 grade point average in major and consent of instructor.

- **English 405** 3 units (crs.)

Creative Writing: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Advanced study in creative writing, which may include workshops in experimental fiction or avant-garde forms, novel writing, publishing, and/or chapbook production. Prerequisite: A 300-level creative writing course or consent of instructor. 405/605

- **English 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **English 448** 3 units (crs.)

Shakespeare II - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. An intensive seminar in the advanced study of Shakespeare's works; focus may be on one of a variety of topics and/or approaches to Shakespearean drama. Prerequisite: English 347. 448/648

- **English 452** 3 units (crs.)

Applied Linguistics

A survey of how research in linguistics can be used to solve human problems. While the focus will be on second language acquisition, language teaching, and testing, other possible topics include language planning and forensic linguistics. Prerequisite: English 301 or 383. 452/652

- **English 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **English 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors-level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

- **English 481** 3 units (crs.)

Seminar in English Studies - Optional Content

An intensive capstone seminar emphasizing synthesis and evaluation of work completed in English major. Seminar paper and portfolio self-assessment required. Prerequisite: English 381 and senior standing.

- **English 482** 3 units (crs.)

Recent Literary Criticism: Optional Content

This course may be offered with different content. With a different subtitle and the signature of the department chair, it may be taken twice. Students will analyze one or more major schools of interpretation. Theoretical works by major critical figures will be read and theories will be applied to selected texts. Prerequisite: English 281 and 381. 482/682

Environmental Studies

Information

David Barnhill, Director
Department Office: Sage Hall 3451
Department Telephone: 920-424-1397
Code 37 or ENV STDS

Faculty

- Adler (Biology), Barnhill (English/Environmental Studies), Baltutis (Religious Studies), Beard (Biology/Microbiology), Bonis (Nursing), Brown (Anthropology), Coulibaly (Geography and Urban Studies), Cross (Geography and Urban Affairs), Dunn (Business), Feldman (Environmental Studies), Gutow (Chemistry), Haley (Economics), Haynes (English), Hiatt (Geology), Hinrichs (Communication), Holton (Biology/Microbiology), Kleinheinz (Biology/Microbiology), Lammers (Biology/Microbiology), Landry (English), Lizotte (Biology/Microbiology), Long (Geography and Urban Studies/Environmental Studies), McPhee (Environmental Studies), Mode (Geology), Muldoon (Geology), Pillsbury (Biology/Microbiology), Plude (Chemistry), Rainboth (Biology/Microbiology), Rindo (English), Roth (English), Scribner (Political Science), Simmons (Political Science), Slagter (Political Science), Spehar (Anthropology), Stelzer (Biology/Microbiology), Van Auken (Sociology/Environmental Studies), Wise (Biology/Microbiology), Zaniewski (Geography and Urban Planning)

Degrees

- **Undergraduate:** A major in Environmental Studies can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - Environmental Studies is the study of the relationships between human culture and living systems. It is also a study with a purpose: to understand the social variables that lead to environmental degradation and to inspire critical thought and action in response. Thus, it is a course of study for people who care about

environmental issues and want to contribute to the resolution of environmental problems.

2. **THE MAJOR(S)**

- The program offers a single Interdisciplinary major, the Environmental Studies Major. Within the Environmental Studies Major, the Department offers a choice of two emphases: 1) Environmental Policy and Values; 2) Environmental Science.

3. **THE MINOR(S)**

- The program offers one minor: (1) Environmental Studies. The minor is licensable for students in the elementary education (Early Childhood - Early Adolescence, Middle Childhood - Early Adolescence) or secondary education (Early Adolescence & Adolescence) with majors in Broad Field Natural Science, Biology, Chemistry, Earth Science, or Physics.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Environmental Studies major or minor. Refer to the following for complete requirements. Those students seeking Wisconsin teacher licensure must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.

Required Core Courses

- Required Core Courses
 - **Environmental Studies: 3 units (crs.)**
 - Environmental Studies 101
 - **Environmental Science: 11 units (crs.)**
 - Two of the following: Chemistry 103, Biology 105, Geography 121, Geology 150
 - Environmental Studies 260
 - **Environmental Policy and Values: 9 units (crs.)**
 - Religious Studies 162/Environmental Studies 162 or 243 or 244
 - Environmental Studies 261
 - Environmental Studies 282
 - **Advanced Environmental Policy and Values: 6 units (crs.)**
 - Two approved upper level Policy and Values courses other than Geography
 - **Advanced Environmental Science: 6-7 units (crs.)**
 - Two approved upper level Environmental Studies courses
 - **Interdisciplinary Seminars: 6 units (crs.)**
 - Environmental Studies 370, 490

The Major(s), with Emphasis and/or Options

Environmental Studies Major

- In Addition to the Core Courses:

A. Environmental Science Emphasis: 22-24 units (crs.)

- **Introductory Science: 10 units (crs.)**
 - Chemistry 105, 106
- **Environmental Science Breadth**
 - Courses from two of the five following areas.
 - **Biology/Ecology:** Biology 349
 - **Chemistry:** Chemistry 221
 - **Environmental Studies:** (any upper level Environmental Studies course)
 - **Resource Management:** Geography 314
 - **Earth Science:** Geology (any upper level Geology course approved for the major)

(Note: The areas must be different than the track chosen for the depth requirement. Must complete two courses in this category and these courses may be the same as those taken for the Advanced Environmental Science requirement in the core. These courses may not be the same as those taken for the Advanced Environmental Policy and Values requirement in the core.)

- **Environmental Science Depth**
 - Four approved upper-level courses in one of the three Environmental Science Tracks.*(Note: These courses may be the same as those taken for the Advanced Environmental Science requirement in the core. These courses may not be the same as those taken for the Advanced Environmental Policy and Values requirement in the core. Upper-level environmental science courses that are not cross-listed in any science department may be approved to serve as depth requirement courses.)*
 - Up to 3 of these credits can be an internship or independent study in that department.

1. Biology/Ecology Track:

- **Anthropology/Environmental Studies:** Anthropology 372 or Environmental Studies 372.

- **Anthropology/Environmental Studies:** Anthropology 368 or Environmental Studies 368.
- **Biology/Environmental Studies:** Biology 318 or Environmental Studies 318.
- **Biology:** Biology 325, 326, 327, 336, 349, 376, 386.
- **Environmental Studies:** Environmental Studies 391, 396.
- **Nursing:** Nursing 361.

2. Resource Management Track:

- **Biology/Environmental Studies:** Biology 318 or Environmental Studies 318.
- **Geography:** Geography 313, 314, 364, 371, 382, 414, 471, 472.

3. Earth Science Track:

- **Geography:** Geography 304, 335, 363.
- **Geology:** Geology 320, 328, 335, 365, 366, 370, 371

B. Environmental Policy and Values Emphasis: 15-17 units (crs.)

- **Environmental Policy and Values Depth**
 - Four courses from the Policy, Planning, and Resource Management Track (*Note: These courses may be the same as those taken for the Advanced Environmental Policy and Values requirement in the core.*) Courses counting for the Environmental Policy and Values Breadth requirement cannot also count for the Environmental Policy and Values Depth requirement.
- **Environmental Policy and Values Breadth**
 - Two courses from the track not chosen for the depth requirement (*Note: These courses may be the same as those taken for the Advanced Environmental Policy and Values requirement in the core.*) Courses counting for the Environmental Policy and Values Breadth requirement cannot also count for the Environmental Policy and Values Depth requirement.
- **Environmental Policy and Values Skills**
 - One course from the following: Communication 275, Economics 355, 360, Environmental Studies 375, Geography 471 (*Note: A course taken as satisfying a skill cannot double count as a course in the*

*Advanced Environmental Policy and Values
depth requirement or the Advanced
Environmental Policy and Values breadth
requirement.)*

1. Policy, Planning, and Resource Management Track

- **Anthropology/Environmental Studies:** Anthropology 368 or Environmental Studies 368
- **Business/Environmental Studies:** Business 450 or Environmental Studies 450
- **Geography:** Geography 304, 313, 314, 335, 363, 364, 371, 377, 382, 414, 419, 471, 472.
- **Economics:** Economics 355, 360.
- **Environmental Studies:** Environmental Studies 320.
- **Political Science:** Political Science 326, 395.
- **Public Administration:** Public Administration 391.
- **Sociology/Environmental Studies:** Sociology 315 or Environmental Studies 315.
- **Urban Studies:** Urban Studies 317.

2. Society and Values Track

- **Anthropology:** Anthropology 348.
- **Anthropology/Environmental Studies:** Anthropology 380 or Environmental Studies 380.
- **Communication/Environmental Studies:** Communication 455 or Environmental Studies 455.
- **English/Environmental Studies:** English 342 or Environmental Studies 342.
- **English/Environmental Studies:** English 343 or Environmental Studies 343.
- **Environmental Studies:** Environmental Studies 300, 332, 375, 390, 395, 414.
- **History/Environmental Studies:** History 326 or Environmental Studies 326.
- **History/Environmental Studies:** History 339 or Environmental Studies 339.
- **History/Environmental Studies:** History 345 or Environmental Studies 345.
- **History/Environmental Studies:** History 355 or Environmental Studies 355.
- **Religious Studies:** Religious Studies 362.
- **Sociology:** Sociology 407.
- **Sociology/Environmental Studies:** Sociology 313 or Environmental Studies 313.

- **Sociology/Environmental Studies:** Sociology 315 or Environmental Studies 315.
- **Sociology/Environmental Studies:** Sociology 357 or Environmental Studies 357.
- **Women's Studies/Environmental Studies:** Women's Studies 365 or Environmental Studies 365.

Advanced Environmental Science Courses:

- **Anthropology/Environmental Studies:** Anthropology 372 or Environmental Studies 372.
- **Biology/Environmental Studies:** Biology 318 or Environmental Studies 318.
- **Biology:** Biology 325, 326, 327, 336, 349, 376, 386.
- **Environmental Studies:** Environmental Studies 301, 391, 396.
- **Geography:** Geography 304, 313, 314, 335, 363, 364, 371, 382, 414, 471, 472.
- **Geology:** Geology 320, 328, 335, 365, 366, 370, 371.
- **Nursing:** Nursing 361.

Advanced Environmental Policy and Values Courses:

Courses in the Policy, Planning and Resource Management Track

- **Anthropology/Environmental Studies:** Anthropology 368 or Environmental Studies 368.
- **Business/Environmental Studies:** Business 450 or Environmental Studies 450.
- **Geography:** Geography 304, 313, 314, 335, 363, 364, 371, 377, 382, 414, 419, 471, 472.
- **Economics:** Economics 355, 360.
- **Environmental Studies:** Environmental Studies 320.
- **Political Science:** Political Science 326, 395.
- **Public Administration:** Public Administration 391.
- **Sociology/Environmental Studies:** Sociology 313 or Environmental Studies 313.
- **Urban Planning:** Urban Planning 317.

Courses in the Society and Values Track

- **Anthropology:** Anthropology 348.
- **Anthropology/Environmental Studies:** Anthropology 380 or Environmental Studies 380.

- **English/Environmental Studies:** English 342 or Environmental Studies 342.
- **English/Environmental Studies:** English 343 or Environmental Studies 343.
- **Environmental Science:** Environmental Science 332, 375, 414.
- **History/Environmental Studies:** History 326 or Environmental Studies 326.
- **History/Environmental Studies:** History 339 or Environmental Studies 339.
- **History/Environmental Studies:** History 345 or Environmental Studies 345.
- **History/Environmental Studies:** History 390 or Environmental Studies 390.
- **Religious Studies:** Religious Studies 362.
- **Sociology/Environmental Studies:** Sociology 313 or Environmental Studies 313.
- **Sociology/Environmental Studies:** Sociology 315 or Environmental Studies 315.
- **Sociology/Environmental Studies:** Sociology 357 or Environmental Studies 357.
- **Women's Studies/Environmental Studies:** Women's Studies 365 or Environmental Studies 365.

The Minor(s)

1. Environmental Studies Minor

- **Required Units (crs.):** 25 minimum
- **Required Courses:** 25 units (crs.):
 - **Environment and Science Area,** 7 units (crs.) as follows: 4 units (crs.) from Biology 105, Chemistry 103, Geology 150, Geography and Urban Planning 121; and 3 units (crs.) from Biology 260/ Environmental Studies 260.
 - **Environment and Society Area,** 6 units (crs.) as follows: 3 units (crs.) from Environmental Studies 101, and 3 units (crs.) from Environmental Studies 261/Political Science 261/Sociology 261.
 - **Environment and Values area,** 6 units (crs.), 3 units (crs.) from English 243/Environmental Studies 243, English 244/Environmental Studies 244, Religious Studies 162/Environmental Studies 162; 3 units (crs.) from Environmental Studies 272, 282.
 - **Interdisciplinary Seminars,** 6 units (crs.) from Environmental Studies 370, Environmental Studies 490

Course Offerings

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- **See Interdisciplinary Studies**
- **Environmental Studies 101** 3 units (crs.)
Seminar on Environmental Issues (SS)

An interdisciplinary course exploring the complex relationships between humans and ecosystems. Conservation biology, social science, and environmental ethics will be introduced to illuminate contemporary environmental issues (specific topics will vary). The course will facilitate critical questioning about the proper relationship between humans and the natural world, while providing an introduction to the field of environmental studies. Prerequisite: Course is to be limited to students with less than 60 credits or Environmental Studies majors and minors or those with department consent.

- **Environmental Studies 162** 3 units (crs.)
Religion and Nature (HU)

Examines diverse perspectives regarding values and environmental responsibility as well as the social actors and movements which embody them. Foci may include: Western Civilization and environmental ethics, environmental values in non-western cultures, environmental values in small scale societies, the aesthetics of nature (including as represented in visual art), religious perceptions of place, environmental values in fiction, prose and poetry, and ecological ethics and technology. Credit cannot be received for both Environmental Studies 162 and Religious Studies 162.

- **Environmental Studies 243** 3 units (crs.)
Introduction to Nature Writing (HU)

An introduction to nature writing. Various authors and historical periods may be covered. Focus on the personal essay, but poetry and fiction may also be considered. Writing assignments will be required. Cross-listed: English 243/Environmental Studies 243. Students may receive credit for only one of the two cross listed courses. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110.

- **Environmental Studies 244** 3 units (crs.)
Japanese Nature Writing (HU) (NW)

An examination of selected Japanese literary works, with a focus on the significance of nature in Japanese literature. All texts are in English translation. Cross-listed: English 244/Environmental Studies 244. Students may receive credit for only one of the two cross listed courses. Prerequisite: Any Writing-Based Inquiry Seminar (WBIS 188), or English 101, or English 110. Writing assignments will be required.

- **Environmental Studies 260** 3 units (crs.)
Environmental Science

A core course for Environmental Studies that will provide an overview of: 1) scientific principles on which studies of the environment are based; 2) current understandings of environmental problems from a scientific perspective; and 3) evaluation of scientific evidence. Prerequisite: Restricted to Environmental Studies majors and minors, or by permission.

- **Environmental Studies 261** 3 units (crs.)
Environment and Society (SS)

Examines relationship between social structure, culture and natural environments; compares different modes of production and cultural systems. Examines economic, political and ideological structures of industrial and industrializing societies. Analyzes the impact of these structures upon natural environments and analyzes the impact of natural environment upon these structures. Sociology 261/Environmental Studies 261/Political Science 261 Students may receive credit for only one of the three cross-listed courses. Special course fees may apply.

- **Environmental Studies 272** 3 units (crs.)

Environment, Communication & Culture (SS)

Introduces cultural, media, and communication studies, focusing on the cultural communication of environmental issues and ideas. Addresses how environmental issues are framed and represented by various media; how these images and representations are taken up and made use of within a variety of cultural communities and discourses; and the different ways in which environmental ideas circulate between media, science, and popular and alternative cultures in North America today.

- **Environmental Studies 282** 3 units (crs.)

Environment, Community and Values (HU)

An interdisciplinary humanities course, which examines how social, religious, aesthetic, and philosophical values are interwoven in the context of environmental themes and case studies. Explores the commonalities and differences among these three disciplines, their powers and limits, and the connections between the humanities and the social sciences and sciences in an environmental context. Students critically analyze current movements and leading thinkers by studying literature, personal essays, cultural critiques, and philosophical arguments. Prerequisite: Environmental Studies 101 and one of the following: Environmental Studies 162 or 243 or 244 or consent of instructor. Special Course fee \$20.00.

- **Environmental Studies 300** 1-3 units (crs.)

Internship

An internship experienced with a cooperating organization. Students apply their knowledge and skills in environmental studies to real world problems. The number of units and the criteria for the grading will be agreed upon in advance with the faculty member who is the on-campus supervisor. Course may be repeated for up to a total of six units (crs.). Prerequisite: Environmental Studies major or minor or consent of Director of Environmental Studies.

- **Environmental Studies 301** 1-3 units (crs.)

Internship in Environmental Science

An internship experience with a cooperating organization, with a primary focus in scientific research and/or methods. The number of units and the criteria for the grading will be agreed upon in advance with the faculty member who is the on-campus supervisor. Prerequisites: Environmental studies major or minor or consent of Director of Environmental Studies.

- **Environmental Studies 313** 3 units (crs.)

Rural Sociology (SS)

In recent decades, our world has become an urban one, yet rural places remain sociologically interesting. This course covers topics including community, agriculture, immigration and demographic change, consumption and the environment, and modern life in rural Wisconsin. In particular, it explores two important trends taking place in the rural U.S., including Wisconsin: the rise of large-scale industrialized agriculture and the simultaneous increase in popularity of community-supported agriculture and small-scale

farms. Sociology 313/Environmental Studies 313 Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Special course fees may apply. 313/513

- **Environmental Studies 315** 3 units (crs.)

Population Problems (SS)

How many people, of what kind, are where? How come? And so what? These questions are often tied to so-called population problems, and this course explores important questions like these, by studying fertility, mortality, and immigration in the U.S. and around the globe. Learning what these components of demography are, how to measure them, and what they mean is critical to not only understanding current affairs but also the future of human populations. Sociology 315/Environmental Studies 315 Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Environmental Studies 318** 3 units (crs.)

Wildlife Behavior and Conservation

This course is designed to teach the fundamental theory of behavioral ecology and then apply that theory to wildlife conservation. We will examine how environments shape organisms' lives and what that means for our efforts to manage and conserve species. The specific course objectives are to 1) gain a rigorous biological foundation in behavioral ecology, evolutionary biology, and related topics in order to understand how environments shape behavior; 2) provide a forum for discussion of current issues in conservation biology; 3) develop a framework for applying behavior ecological theory to wildlife conservation. Cross-listed: Biology 318/Environmental Studies 318. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Biology 105 or Biology 260/Environmental Studies 260 or consent of instructor.

- **Environmental Studies 320** 3 units (crs.)

Topics in Campus Sustainability

This course examines the concept of sustainability at three levels: as a social issue facing the global community; as a guiding principle for the operations, teaching, research, and outreach at institutions of higher education; and as a set of specific challenges facing our own university. Students in this course will engage in a variety of hands-on projects designed to explore these three elements of sustainability. Prerequisites: Environmental Studies 101 or consent of the instructor. Special course fees may apply.

- **Environmental Studies 326** 3 units (crs.)

American Environmental History (SS)

A survey of the major topics and issues in North American environmental history from the early native American experience through the twentieth century. Cross-listed: History 326/Environmental Studies 326. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 332** 3 units (crs.)

Radical Environmentalism

Radical environmental groups have drawn increasing attention as they engage in lifestyle activism, civil disobedience, sabotage, and violence in their efforts to prevent and reverse environmental degradation. This course explores cultural tributaries and diverse forms of such movements, examining the world views (ecological understandings, cosmologies, religious

perceptions, and political ideologies) that animate their members, the reactions they engender, and their various impacts and likely, future prospects.

- **Environmental Studies 339** 3 units (crs.)

Public History

Examines the practice of history outside of academia and explores the connections between American history, popular memory, landscapes, and community identity; examines the historic origins and contemporary implications of a "sense of place." Cross-Listed: History 339/Environmental Studies 339. Students may receive credit for only one of these two cross-listed courses. Prerequisite: 9 credits of history or environmental studies, or instructor's consent.

- **Environmental Studies 342** 3 units (crs.)

Literature of the Romantic Era Green Romanticism: Optional Content

Examines the important role romantic literature has played in the history of Western environmentalism and role that environmental science and environmentalism have played in the romantic movements. Examines the relationships between people and how the landscape is imagined in poetry and prose, and how both literature and the land itself is structured by institutions of class, economics, gender, science, and law. This course may be offered with different content. Cross-listed: Environmental Studies 342/English 342 With a different subtitle, it may be taken twice with the signature of the department chair. Prerequisite: English 281 or consent of instructor. 342/542

- **Environmental Studies 343** 3 units (crs.)

Nature Writing: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A course in reading and writing about the natural world. Writers discussed may include Henry David Thoreau, Aldo Leopold, Annie Dillard, and others. Student writing will represent a significant portion of the coursework. Writing assignments may include essays on natural history, journal entries, environmental advocacy pieces, eco-fiction, and others consistent with the focus of the course. Cross-listed English 343/Environmental Studies 343. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **Environmental Studies 345** 3 units (crs.)

History of American Wilderness

Examines the history of changing American ideas about wilderness, the history of nature protection in the United States; explores current debates over the proper methods of wilderness preservation. Cross-Listed: History 345/Environmental Studies 345. Students may receive credit for only one of the two cross-listed courses. Prerequisite: 3 credits of history or environmental studies, or instructor's consent.

- **Environmental Studies 355** 3 units (crs.)

Global Environmental History

Examines the way that the natural environment intersects with major themes in world history, including industrialization, colonialism, frontiers, and war. Investigates the environmental context and consequences of these and other subjects with the understanding that the natural world can shape human history and that the events of human history have played and continue to play, key roles in shaping the environment. Cross-listed History 355/Environmental Studies 355. Students may receive credit for only one of the two cross-listed courses. Prerequisites: 3 credits of history or environmental studies, or instructor's consent.

- **Environmental Studies 365** 3 units (crs.)

Gender and Nature (SS)

This course offers an introduction to the connections between concepts of gender and nature in the West. It examines ecological feminist theories about the relationship between the domination of nature and the subordination of women as well as the impact of gender differences on ideas and experiences of nature. Topics include: scientific explanations of the nature of gender, the feminization of nature in Western thought, the roles of men and women in the environmental movement, and the gendered division of environmental risk, work, and benefits in contemporary political economies. Cross-listed: Environmental Studies 365/Women's Studies 365. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 368** 3 units (crs.)

Human Dimensions of Wildlife Conservation

This course focuses on the most central issue in the conservation of wildlife: people. This course will integrate perspectives from conservation biology and environmental anthropology, focusing particularly on the interaction between humans and the environment and how this influences the effectiveness and appropriateness of measures taken to preserve biodiversity. The course includes a discussion of perspectives on the value of biodiversity; a careful exploration of human-generated threats to biodiversity, including habitat destruction, overhunting, the wildlife trade, invasive species, and global warming; and an extensive overview and critique of conservation solutions, such as the creation of protected areas, community-based conservation, ecotourism, economic incentives programs, debt-for-nature swaps, and more. The effects of globalization on international conservation will be an integral part of this discussion. Cross-listed: Anthropology 368/Environmental Studies 368. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 370** 3 units (crs.)

Environmental Science, Policy & Problem Solving (SS)

Drawing on interdisciplinary sources that comprise contemporary environmental science research, this course examines the capability of these sciences to provide solutions to environmental problems and enhances student abilities to critically evaluate environmental management, policy and modeling tools. The influential role environmental scientists exert on local, regional, and national policies will be examined through case studies. Prerequisite: Environmental Studies 260 (Environmental Science) and Environmental Studies 261 (Environment and society), or department consent.

- **Environmental Studies 372** 3 units (crs.)

Primate Behavior and Ecology

This course is designed to introduce students to our closest living relatives, the nonhuman primates (monkeys, apes, and prosimians). The course will focus on primate diversity and characteristics, ecology, social behavior, communication, cognition, and conservation. We will also discuss the relevance of primate studies to understanding human evolution. This course will involve at least one field trip to the Milwaukee zoo. Cross-listed: Anthropology 372/Environmental Studies 372. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 375** 3 units (crs.)

Ecosocial Advocacy

A critical analysis of various philosophies and forms of environmental and social advocacy, as well as a critical examination of case studies of activists and movements. Also includes practical training in skills needed for effective ecosocial change. Prerequisite: 30 credits or instructor's consent.

- **Environmental Studies 380** 3 units (crs.)

Globalization

"Globalization" has become an all-encompassing term for describing a series of processes which are reshaping the society, economy, politics, culture and environment of the planet. This course will introduce some of the main, often competing perspectives on globalization. Through intensive readings and discussion, we will try to understand the ways in which the local and the global are increasingly intertwined, and to assess both the risks and the promises of the global society that lies ahead. Cross-listed: Environmental Studies 380/Anthropology 380. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 390** 3 units (crs.)

Special Topics (SS)

Special Topics courses in Environmental Studies focus on current environmental issues. The disciplinary approach and subject matter will vary. In keeping with the interdisciplinary nature of the Environmental Studies program, the scientific, social, and ethical dimensions of the issue at hand will be explored. Students will normally be expected to carry out an original, interdisciplinary research project. Course repeatable once if topics are different. Special fees may apply.

- **Environmental Studies 391** 3 units (crs.)

Special Topics in Environmental Science

Various courses focusing on current environmental issues examined from a scientific perspective. The disciplinary approaches and subject matter will vary, but the course will be interdisciplinary and predominantly based in the natural sciences. Students will normally be expected to carry out an original, interdisciplinary research project. Course repeatable once if topics are different. See department. Prerequisites: Environmental Studies 260 or consent of instructor. Special course fees may apply.

- **Environmental Studies 395** 3 units (crs.)

Field Studies (SS)

Field Studies courses involve intensive off-campus research focusing on specific environmental issues. The primary disciplinary approach and subject matter will vary. Each course will attend to the scientific, social, and moral dimensions of the environmental issue under scrutiny. Cost for travel and related expenses will vary. Examples include: the study of pollution and politics in the Fox-Wolf watershed; the social ecology of Northern Minnesota's Boundary Waters Canoe Area; grassroots environmentalism, the Wise Use movement, and conflict over natural resources in North America; and efforts to construct ecologically sustainable livelihoods in the Highlands of Southern Mexico. Consult the appendix and contact the Environmental Studies program for course details. Special fees may apply.

- **Environmental Studies 396** 3 units (crs.)

Field Studies in Environmental Science

Field Studies courses involving intensive off-campus interdisciplinary research focusing on specific environmental issues. The primary disciplinary approaches and subject matter will vary, but this course approaches issues from the perspective of the natural sciences. Prerequisite: Environmental Studies 260 or consent of instructor. Special fees may apply.

- **Environmental Studies 414** 3 units (crs.)

Bioregionalism

This course critically examines the contemporary bioregional movement, bioregional movement, a complex phenomenon that focuses on intimately knowing one's local bioregion and living harmoniously with it. Bioregionalism includes the study of biogeography, practices such as community sustained agriculture and land trusts, and utopian visions of an ideal, ecological society. Students will study Wisconsin's natural communities, local practices, and bioregional social theory and philosophy. Includes a field trip.

- **Environmental Studies 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement policies information for general course description, general prerequisites, and proper contract form requirements.

- **Environmental Studies 450** 3 units (crs.)

Environmental Management

This course introduces the natural environment and social responsibility as components of the business decision-making process in addition to the traditional economic focus. Topics include Triple Bottom Line supply chain management, energy, transparency, design, life cycle assessment, reverse logistics, facilities management, marketing and strategy. Cross-listed Business 450/Environmental Studies 450. Students may receive credit for only one of the two cross-listed courses.

- **Environmental Studies 455** 3 units (crs.)

Environmental Communication

This course is an exploration into the ways we define the environment and how language use influences our interactions with the environment. Cross-listed with Communication 455/Environmental Studies 455. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Communication 118 and 236 and 368 or Instructor permission.

- **Environmental Studies 456** 1-3 units (crs.)

Related Readings

See Related Reading under Course and Academic Advisement Policies information for general course prerequisites, and proper contract form requirements.

- **Environmental Studies 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors-level work and be approved by a faculty sponsor. Course title for transcript will be 'Honor Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisites: University Honors program and junior standing. Maximum of 6 units (crs.).

- **Environmental Studies 490** 3 units (crs.)

Environmental Studies Senior Seminar (SS)

A capstone seminar for the Environmental Studies program that will examine the student's ability to integrate perspectives gained in previous environmental studies courses emphasizing science, society and values. Prerequisite: Environmental Studies 260, 261, and 282, or consent of Environmental Studies Program Director.

Foreign Languages and Literature

Information

Department Office: Radford, Room 315

Department Telephone: 920-424-4004

Department Website: www.uwosh.edu/foreignlanguage

Code 41 or FRENCH, 42 or ARABIC, 43 or GERMAN, 44 or JAPANESE, 48 or RUSSIAN, 49 or SPANISH, 53 or ARAPAHO, 54 or SHOSHONE, 56 or CHINESE

Faculty

- Alvarez, Bryan, Cortes, DCamp, Dziedzic, Gier, Gomez-Torres, Gonzalez-Muntaner, Hanai, Hohbein-Deegen, Lareau, Louar, Thomas, Wade-Sirabian

Degrees

- **Undergraduate:** A major in Foreign Languages leads to one of the following degree(s): Bachelor of Science; Bachelor of Arts; Bachelor of Science in Education.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers 3 majors: These are: 1) French, 2) German, and 3) Spanish.
 - Within the French Major, the Department offers a choice of these 2 emphases: 1) Liberal Arts, and 2) Secondary Education.
 - Within the German Major, the Department offers a choice of these 2 emphases: 1) Liberal Arts, and 2) Secondary Education.
 - Within the Spanish Major, the Department offers a choice of these 2 emphases: 1) Liberal Arts, and 2) Secondary Education.
 - Pending Collaborative Japanese Major-Please see Department for details.
3. **THE MINOR(S)**
 - The Department offers 7 minor(s): 1). French: Liberal Arts; 2). French: Elementary and Secondary Education; 3). German: Liberal Arts; 4). German:

Elementary and Secondary Education; 5). Japanese Language & Culture; 6). Spanish: Liberal Arts; 7). Spanish: Elementary and Secondary Education.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Foreign Languages and Literatures major or minor. Refer to the following Sections for complete major/minor course requirements.
- **REQUIREMENTS FOR LICENSURE/WISCONSIN TEACHER CERTIFICATION**
 - Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.
- **ADDITIONAL REQUIREMENTS FOR MAJORS AND MINORS WITH EDUCATION EMPHASIS**
- **FRENCH/GERMAN/SPANISH MAJOR** (Secondary Education emphasis)
 - Students seeking K-12 licensure must complete:
 - Elementary Education 330 Foreign Languages in the Elementary School and
 - Secondary Education 347 Methods of Teaching Foreign Languages
 - Elementary Education 311 Teaching Language Arts or Reading Education 305 Reading Methods and Strategies
 - Students seeking 6-12 or 9-12 licensure must complete:
 - Secondary Education 347 Methods of Teaching Foreign Languages
- **Comment:** Students majoring in a foreign language with an education emphasis might consider the possibility of minoring in ESL, Bilingual Education, or a second foreign language.
- **FRENCH/GERMAN/SPANISH MINOR** (Education emphasis)
 - Students seeking K-12 licensure must have a K-12 major and must complete:
 - Elementary Education 330 Foreign Languages in the Elementary School
 - Secondary Education 347 Methods of Teaching Foreign Languages
 - Elementary Education 311 Teaching Language Arts or Reading Education 305 Reading Methods and Strategies
 - Students seeking 6-12 licensure must complete:
 - Secondary Education 347 Methods of Teaching Foreign Languages
- **ELEMENTARY EDUCATION MAJORS**
 - Students seeking licensure in French, German, or Spanish must complete:
 - Elementary Education 330 Foreign Languages in the Elementary School
 - Secondary Education 347 Methods of Teaching Foreign Languages
 - Elementary Education Majors seeking P-K-3 or 1-6 licensure in a foreign language must complete:
 - Elementary Education 330 Foreign Languages in the Elementary School
 - Secondary Education 347 Methods of Teaching Foreign Languages

- **DEPARTMENT OF PUBLIC INSTRUCTION FOREIGN LANGUAGES IMMERSION REQUIREMENT.**
 - Students majoring or minoring in Spanish, French, or German (Secondary and Elementary Education) and seeking Department of Public Instruction certification (DPI) should be aware of the following: “The program shall require a period of language immersion in residence in a country in which the language is spoken. Exceptions to the requirement, such as participation in a language immersion study program or a cultural immersion experience or program, must be mutually approved by the certifying institution and the DPI.”
 - Study Abroad Programs Sponsored by, or recommended by the DFLL:
 - French
 - Students are encouraged to study through the UW Stevens Point program in Caen, France of a total immersion French study abroad program in Canada at the Universite du Quebec a Chicoutimi.
 - German
 - Students are encouraged to study through the UW Stevens Point program in Marburg, Germany.
 - Spanish
 - The DFLL sponsors two study abroad programs: The Oshkosh in Salamanca (Spain) program held at the Universidad de Salamanca; and the University of Wisconsin Oshkosh Study in Guanajuato, Mexico program held at the University of Guanajuato.
Prerequisites: Before applying to any of the programs, students wishing to participate should consult with the Office of International Education and/or the tour leader(s) for current information about any prerequisites.
 - Please consult chairperson and/or program coordinators for information regarding additional programs in French, German and Spanish or programs in other languages or visit the DFLL web page..

Required Core Courses

- **Foreign Language**
 - **French**
 - French 110 Introduction to French I and Lab 4 crs.
 - French 111 Introduction to French II and Lab 4 crs.
 - French 203 Intermediate Structure and Expression 3 crs.
 - French 204 Intermediate Reading 3 crs.
 - French 208 Intermediate Conversation 2 crs.
 - French 209 Vignettes Culturelles 2 crs.
 - **German**
 - German 110 Introduction to German I and Lab 4 crs.
 - German 111 Introduction to German II and Lab 4 crs.
 - German 203 Intermediate Structure and Expression I 3 crs.

- German 204 Intermediate Structure and Expression II 3 crs.
- German 207 Intermediate Conversation I 2 crs.
- German 208 Intermediate Conversation II 2 crs.
- **Spanish**
 - Spanish 110 Introduction to Spanish I and Lab 4 crs.
 - Spanish 111 Introduction to Spanish II and Lab 4 crs.
 - Spanish 203 Intermediate Structure and Expression I 3 crs.
 - Spanish 204 Intermediate Structure and Expression II 3 crs.
 - Spanish 207 Intermediate Conversation I 2 crs.
 - Spanish 208 Intermediate Conversation II 2 crs.
- **RETROACTIVE UNIT (CR.) POLICY**
 - The Department participates in the Experiential Unit (cr.) Program. For further information, consult Department Chairperson.
- **University of Wisconsin Oshkosh Advanced Placement and Retroactive Unit (cr.) Policy:**
 - Students with prior foreign language training are eligible to earn retroactive units (crs.), shown in parentheses, by successfully completing one of the following courses with a grade of B or better: 111(4), 203(8), 204(11), 300 level (14). To determine the appropriate course(s) in which to enroll, all incoming students are advised to take a placement test (given in the Testing Center). To receive retroactive units (crs.), the student must apply at Radford Hall 315 when the course is completed. The department honors retroactive units (crs.) granted to transfer students. A detailed explanation of the Retroactive Unit (cr.) Policy and Advanced Placement procedure is available from the Department of Foreign Languages and Literatures.
- The Department also offers instruction in Arabic, Chinese, Japanese and Russian, which satisfies the Bachelor of Arts language requirement.

The Major(s), with Emphasis and/or Options

1. FRENCH MAJOR

Recommended for students who seek a rich foundation in the language, literature and civilization of France and the Francophone countries, one of the most vital intellectual and artistic sources of our world. A double major (ex: French/Journalism) is a plus for a rewarding career within a global context.

- **Required Units (crs.):** 42 minimum
- **Required Courses:** In addition to the Core Courses listed above, see following paragraphs for the list of courses in each specific area.
 - **French Major (Liberal Arts Emphasis)**
Recommended for students who wish to pursue a profession in Diplomacy, International Business, Interpreting and Translating or for cultural interests. Students are encouraged to consider a minor in European or International Studies.
 - **Required Courses:** In addition to the Core Courses:

- French 315, 318; and 3 courses from: French 301, 303, 304, 308, 312, 330 or 331, 360, 400-level.
 - **Electives:** Sufficient courses from the Department's upper level offerings to meet the Minimum Requirement.
- **French Major (Secondary Education Emphasis)**
Recommended for students who wish to fulfill requirements leading to Department of Public Instruction licensure for either grades K-12 or 6-12.
 - **Required Courses:** In addition to the Core Courses:
 - French 301, 315, 318 and 5 courses from: 303, 304, 308, 312, 330 or 331, 360, 400 level.
 - **Electives:** Sufficient courses from the Department's upper level offerings to meet the Minimum Requirement.
- **Comment:**
The Department encourages students to participate in the UW Stevens Point spring semester in Caen; other options are the Université du Québec à Chicoutimi programs or other programs in France. Students considering graduate work in French, Comparative Literature, or Foreign Language Education should consult with French program faculty.

2. **GERMAN MAJOR**

Recommended for students who wish to pursue careers requiring proficiency in German language and for students who seek a rich foundation in the language, literature and civilization of German-speaking countries.

(German major currently under revision. Please see department web site)

- **Required Units (crs.):** 42 minimum
- **Required Courses:** In addition to the Core Courses listed above, see paragraphs following for courses required in specific emphases.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. See paragraphs following for information on electives in the emphases/ options.
- **Comment:**
Students are urged to participate in one of the many study abroad programs in German-speaking countries offered by various American universities. Those who intend to undertake graduate work in German or Foreign Language Education should consult a faculty member of the German Division.
- **German Major (Liberal Arts Emphasis)**
Recommended for students who wish to pursue a career in Government, International Business, or Translating/ Interpreting or those who wish to complement other fields of study including Political Science, History, Music, Art and Literature.
 - **Required Courses:** In addition to the Core Courses:
 - 3 courses from: German 301, 304, 312, 314, 325.
 - 3 courses from: German 308, 315, 318, 321, 330.
 - **Electives:** Sufficient courses from the Department's upper level offerings to meet the Minimum Requirement.

- **German Major (Secondary Education Emphasis)**

Recommended for students who wish to fulfill requirements leading to Department of Public Instruction Licensure for either grades K-12 or 6-12.

- **Required Courses:** In addition to the Core Courses:
 - German 301, 304, 312, 314, 330; and 2 courses from: German 308, 315, 318, 321, 325.
- **Electives:** Sufficient courses from the Department's upper level offerings to meet the Minimum Requirement.

3. **SPANISH MAJOR**

Recommended for students who seek a rich foundation in the language, literature and civilization of Spain and Spanish America.

(Spanish major and emphases are currently under revision. Please see department web site)

- **Required Units (crs.):** 40-42 minimum
 - In order to count towards the major, students must have a minimum of a 2.00 GPA in each 300-400 level course taken.
 - Students can only register for a maximum of two literature courses per semester.
- **Required Courses:** See paragraphs following for courses required in specific emphases, in addition to the Core Courses:
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.
 - See paragraphs following for information on electives in the emphases/options.
- **Comment:**

The Department encourages students to participate in the University of Wisconsin Oshkosh study abroad programs in Mexico and Spain or other University-approved programs throughout the Spanish-speaking world.

A. Spanish Major (Liberal Arts Emphasis)

Recommended for students who are pursuing careers in Political Science, Criminal Justice, International Business, Library Science, Tourism, Nursing, Social Work, Foreign Service and other fields in which the ability to speak Spanish is either highly desirable or mandatory.

Students are encouraged to consider minoring in either Latin American or European Studies offered by the Department of International Studies.

- **Required Courses:** In addition to the Core Courses:
 - 3 courses from: Spanish 301, 304, 307, 308, 312, 313; three literature courses taught in the target language numbered 300-499 including Spanish 314, 360, 362, 364 numbered Special Topics on literature.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement:
- **Comment:**

Students pursuing this emphasis are urged to consider choosing a minor in Latin American Studies, International Business or European Studies.

B. Spanish Major (Secondary Education Emphasis)

Recommended for students who wish to fulfill requirements leading to Department of Public Instruction licensure for either grades K-12 or 6-12.

- **Required Courses:** In addition to the Core Courses:
 - Spanish 307, 312 or 313; three literature courses taught in the target language numbered 300-499 including Spanish 314, 360, 362 and 364, numbered Special Topics on literature; and one of the following civilization courses: Spanish 332, 334, 335.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement including these studies:
 - Spanish 301, 304, 309
- **Comment:**
Students considering graduate work in Spanish, Comparative Literature, or in Foreign Language Education, should consult a member of the Spanish faculty.

The Minor(s)

1. FRENCH MINOR (Liberal Arts)

Recommended for students who wish to pursue diverse interests and career goals in fields such as International Business, Foreign Service, Library Science, or Tourism.

- **Required Units (crs.):** 27 minimum
- **Required Courses:**
 - French 110, 111, 203, 204, 208, 209; and 3 courses from: French 301, 303, 304, 308, 312, 315, 318, 330 or 331, 360, 400-level (with instructor permission.)
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. All Foreign Languages electives must be upper level courses.

2. FRENCH MINOR (Elementary and Secondary Education)

Recommended for students who wish to fulfill requirements leading to Department of Public Instruction Licensure.

- **Required Units (crs.):** 27 minimum
- **Required Courses:**
 - French 110, 111, 203, 204, 208, 209; and 3 courses from: French 301, 303, 304, 308, 312, 315, 318, 330 or 331, 360, 400-level (with instructors permission.)
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. All electives must be upper level courses.

3. GERMAN MINOR (Liberal Arts)

(German minor currently under revision. Please see department web site)

Recommended for students who wish to pursue diverse interests and career goals in fields such as International Business, Foreign Service, Library Science, or Tourism.

- **Required Units (crs.):** 27 minimum
- **Required Courses:**

- German 110, 111, 203, 204, 207, 208; and 2 courses from: German 301, 304, 312, 330.
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. All Foreign Language electives must be upper level courses.
- 4. **GERMAN MINOR (Elementary and Secondary Education)**
(German minor currently under revision. Please see department web site)
 Recommended for students who wish to fulfill requirements leading to Department of Public Instruction Licensure.
 - **Required Units (crs.):** 27 minimum
 - **Required Courses:**
 - German 110, 111, 203, 204, 207, 208; and 2 courses from: German 301, 304, 312, 314, 330.
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. All electives must be upper level courses.
- 5. **JAPANESE LANGUAGE AND CULTURE MINOR**
 Recommended for students who wish to pursue diverse interests and career goals in fields such as International Business, Foreign Service, Library Science, Tourism, Journalism, Engineering or Radio-TV.
 - **Required Units (crs.):** 25 minimum
 - **Required Courses:**
 - Japanese 110, 111, 210, 211, 310; and 2 courses from the following: English 240, History 375, History 376, International Studies 312, Japanese 360, Religious Studies 337, Religious Studies 345.
- 6. **SPANISH MINOR (Liberal Arts)**
(Spanish minor currently under revision. Please see department web site)
 Recommended for students who wish to pursue diverse interests and career goals in fields such as Tourism, Social Work, Human Services, Library Science, International Business, Nursing, Foreign Service, Criminal Justice, Journalism or Radio-TV.
 - **Required Units (crs.):** 25-27 minimum
 - In order to count towards the minor, students must have a minimum of a 2.0 GPA in each 300-400 level course taken.
 - **Required Courses:**
 - Spanish 110, 111, 203, 204, 207, 208; and 2 courses from: Spanish 301, 304, 307, 308, 312.
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement: All electives must be upper level courses.
- 7. **SPANISH MINOR (Elementary and Secondary Education)**
(Spanish minor currently under revision. Please see department web site)
 Recommended for students who wish to fulfill requirements leading to Department of Public Instruction Licensure.
 - **Required Units (crs.):** 25-27 minimum
 - In order to count towards the minor, students must have a minimum of a 2.0 GPA in each 300-400 level course taken.
 - **Required Courses:**

- Spanish 110, 111, 203, 204, 207, 208; and 2 courses from: Spanish 301, 304, 307, 312 or 313.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement. All electives must be upper level courses.

Course Offerings

COURSES IN ARABIC

The following courses may be offered both on campus and through study abroad programs: Arabic

- **Arabic 110** 4 units (crs.)

Introduction to Arabic I (HU)

This course will introduce the student to the basics of Arabic grammar, beginning with the alphabet, and introductory elements of conversation. We will focus on reading, writing, speaking and listening skills through a combination of exercises in class, lab, and individual work by students.

- **Arabic 111** 4 units (crs.)

Introduction to Arabic II (HU)

This course will teach the student more basics of Arabic grammar, and elements of conversation and reinforce knowledge gained in Arabic 110. It will focus on reading, writing, speaking and listening skills through a combination of exercises in class, lab, and individual work by students. Prerequisite: Arabic 110

- **Arabic 210** 4 units (crs.)

Intermediate Arabic I (HU)

Continuation of the first-year, introductory courses in spoken and written Arabic. Will count toward fulfillment of the Bachelor of Arts language requirement. Prerequisite: Arabic 111.

- **Arabic 211** 4 units (crs.)

Intermediate Arabic II (HU)

Continuation of the third term intermediate course in spoken and written Arabic. Will count toward fulfillment of the Bachelor of Arts language requirement. Prerequisite: Arabic 210.

COURSES IN ARAPAHO

- **Arapaho 110** 4 units (crs.)

Introduction to Arapaho Language I

This introductory course is designed to acquaint students with the basic sounds and symbols that comprise the Arapaho language. Since the spoken word and written record are of equal importance in the perpetuation of the language, both will be stressed and students must demonstrate the importance of both forms of communication. Students will also examine certain Arapaho cultural beliefs that are necessary in the context of learning the language. The Salzmann system of phonology and morphology will be utilized as a basis of instruction. This course is only available to Wind River Tribal College students.

- **Arapaho 111** 4 units (crs.)

Introduction to Arapaho Language II

Arapaho Language II is a continuation of Arapaho Language I, in which students should have the working knowledge of the Salzmänn alphabet, sound system and written system to accomplish spoken phrase/dialogue in pronunciation in the proper Arapaho manner and emphasis will be on paragraph formation. Prerequisite: Arapaho 110. This course is only available to Wind River Tribal College students.

- **Arapaho 210** 4 units (crs.)

Intermediate Arapaho Language I

Intermediate Arapaho Language I is a continuation of Intro to Arapaho Language II in which students will demonstrate mastery of the Salzmänn System through properly articulating the correct pronunciations and responding to conversational Arapaho in addition to demonstrating a high level of mastery of reading and writing Arapaho. Prerequisite: Intro to Arapaho Language II or placement. This course is only available to Wind River Tribal College students.

COURSES IN CHINESE

- **Chinese 110** 4 units (crs.)

Introduction to Chinese I (HU)

Introduction to the Chinese language and Chinese characters. Students will be able to understand and carry on simple conversations using the Chinese language and also read and write simple sentences and paragraphs.

- **Chinese 111** 4 units (crs.)

Introduction to Chinese II (HU)

Students will gain proficiency in reading, speaking, understanding and writing. By the end of this class students will gain the correct pronunciation and accuracy of the writing system. Students will gain a general understanding of Chinese grammar and structure of sentences, be able to read and write short letters and make entries in a journal. Prerequisite: Chinese 110 or consent of instructor.

- **Chinese 210** 4 units (crs.)

Intermediate Chinese (HU)

Students will build on skills they have developed in Chinese 111. The emphasis will be on increasing students' proficiency in speaking, reading, and writing the Chinese language. Students will gain a general understanding of Chinese grammar and the structure of sentences at the intermediate level. Prerequisite: Chinese 111 or consent of instructor.

- **Chinese 211** 4 units (crs.)

Intermediate Chinese (HU)

Students will build on skills they have developed in Chinese 210. The primary objective for students in Chinese 211 is to further improve all four aspects of language acquisition: speaking, listening, reading, and writing. However, this course places particular emphasis on Chinese oral communication skills. Students will be required to work on speaking and listening activities individually or in a group on a daily basis in order to facilitate and enhance interpersonal and interpretive skills. Students will gain a further understanding of Chinese grammar and the structure of sentences appropriate at the advanced intermediate level. Prerequisite: Chinese 210 or consent of instructor.

COURSES IN FRENCH

The following courses may be offered both on campus and through study abroad programs: French 301, 303, 304, 315, 318 and 330.

- **French 110** 4 units (crs.)

Introduction French I (HU)

Introduction to the land and the people through language study in a cultural context. The four skills of reading, writing, listening and speaking are treated with equal attention using a text supplemented with audio and visual materials relevant to the language and culture. Weekly attendance in the language lab is required as an integral part of the course.

- **French 111** 4 units (crs.)

Introduction to French II (HU)

Prerequisite: French 110 or Placement Test. (4+1)

- **French 203** 3 units (crs.)

Intermediate Structure and Expression (HU)

Structural review, development of speaking, listening, reading, and writing skills. Will count toward the fulfillment of the Bachelor of Arts language requirement. Prerequisite: French 111. Strongly recommended: French 208 or 209 (concurrent enrollment)

- **French 204** 3 units (crs.)

Intermediate Reading (HU)

Emphasis on reading and discussion of selected works and/or materials of current interest. Will count toward the fulfillment of the Bachelor of Arts language requirement. Prerequisite: French 203. Strongly recommended: French 208 or 209 (concurrent enrollment).

- **French 208** 2 units (crs.)

Intermediate Conversation (HU)

Emphasis on developing listening and speaking skills in everyday situations. Prerequisite: French 111. Strongly recommended: French 203 or 204 (concurrent enrollment).

- **French 209** 2 units (crs.)

Vignettes Culturelles

This fourth term course explores various aspects of French and Francophone cultures, from traditional to pop, through a selection of short texts and related audio-visuals encompassing daily life and customs, arts and institutions, prosaic and creative achievements of the French and French-speaking world. Basic communicative skills are reinforced in a meaningful framework. For intermediate students. Prerequisite: French 203 or consent of instructor.

- **French 248** 5 units (crs.)

Fourth Semester French for CAPP Programs (HU)

An intensive two-semester course taught at high schools affiliated with the CAPP program featuring development of intermediate conversational skills and reading skills through the study of works of French literature and other appropriate materials. This course is a substitute for French 204 and 208.

- **French 301** 3 units (crs.)

Advanced Conversation

This course seeks to improve oral communication, increase vocabulary and accelerate listening comprehension. For advanced students. Prerequisite: French 204. Strongly recommended: French 208.

- **French 303** 3 units (crs.)

Phonetics

An advanced course in French speech with emphasis on the development of oral ability. Theory of French sounds, phonetic transcription (using the International Phonetic Alphabet), and intensive practice in pronunciation. Prerequisite: French 204.

- **French 304** 3 units (crs.)

Advanced Composition

An advanced course in writing French with emphasis on the elements of style. Prerequisite: French 204.

- **French 308** 3 units (crs.)

Business French

A study of economic life in France, designed to provide an introduction to business and legal terminology, including composition and preparation of business correspondence. Prerequisite: French 204.

- **French 309** 3 units (crs.)

French-Speaking Societies and Cultures

This course examines various aspects of French-speaking countries-history, geography, politics, education, economy, media, or tourism through the study and discussion of authentic texts, essays, film, art, newspaper and magazine excerpts, as well as audio and video broadcasts. Prerequisites: French 204, 248 (or equivalent) or instructor's permission.

- **French 312** 3-5 units (crs.)

Advanced French Grammar

French 312, Advanced French Grammar. Prerequisites: French 204, or 248 with a grade of B or better.

- **French 315** 3 units (crs.)

Survey of French Literature I

Introduction to the major works of French literature from the Middle Ages to the Revolution. Prerequisite: French 204. Strongly recommended: French 304.

- **French 318** 3 units (crs.)

Survey of French Literature II

Reading major works of French literature of the 19th and 20th centuries. Prerequisite: French 315.

- **French 330** 3 units (crs.)

French Civilization

An exploration of the evolution of French and francophone cultures and societies. Prerequisite: French 204. Strongly recommended: French 301.

- **French 331** 3 units (crs.)

La Civilisation française à travers les arts

A review of French society as it is reflected through the various arts. Prerequisite: French 204. Strongly recommended: French 301.

- **French 350** 3 units (crs.)

Masterpieces of French Literature in English Translation

A Study of selected works in French literature, centering on discussions relevant to modern thought and ideas.

- **French 352** 3 units (crs.)

Honors: Masterpieces of French Literature in English Translation

Variable themes selected from major works of French literature.

- **French 360** 1-3 units (crs.)

French Special Topics

Course content to be designated by the instructor. May be repeated for credit. Prerequisite: French 204 or consent of instructor.

- **French 401** 3 units (crs.)

Thèmes littéraires

This course will examine specific themes in French literature. The theme will be designated by the instructor. Prerequisite: French 301 and 318.

- **French 403** 3 units (crs.)

Le Genre littéraire

This course will examine specific genres such as theatre, poetry, novel, short story or folktale in French literature. The chosen genre will be designated by the instructor. Prerequisite: French 301 and 318.

- **French 405** 3 units (crs.)

Le Cinéma français

This advanced course will introduce the French film from silent to classic, Nouvelle Vague and avant-garde productions. Critical skills will be developed through discussions focusing on cinema as a new language closely related to art and events. Prerequisite: French 301 and 318.

- **French 406** 3 units (crs.)

Francophone World and Minority Cultures of France

This advanced course will introduce the literatures of the francophone world as well as the distinct voices of minority cultures within France. Prerequisite: French 301 and 318.

- **French 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **French 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **French 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g. a written thesis, scientific experiment or research project, creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

COURSES IN GERMAN

- **The following courses may be offered both on campus and through study abroad programs:** German 110, 203, 301, 304, 308, 314 and 330.

- **German 110** 4 units (crs.)

Introduction to German I (HU)

Introduction to German-speaking countries and their people through language study in a cultural context. The four skills of reading, writing, listening and speaking are treated with equal attention using a text supplemented with audio and visual materials relevant to the language and culture. Weekly attendance in the language lab is required as an integral part of the course. (4+1)

- **German 111** 4 units (crs.)

Introduction to German II (HU)

Prerequisite: German 110 or Placement Test. (4+1)

- **German 203** 3 units (crs.)

Intermediate Structure and Expression (HU)

Structural review, development of speaking, listening, reading and writing skills. Will count toward the fulfillment of the Bachelor of Arts language requirement. Prerequisite: German 111 or Placement Test.

- **German 204** 3 units (crs.)

Intermediate Structure and Expression II (HU)

Continued structural review with emphasis on reading and discussion of selected works of current interest. Will count toward fulfillment of the Bachelor of Arts language requirement. Prerequisite: German 203 or Placement Test.

- **German 207** 2 units (crs.)

Intermediate Conversation I (HU)

Emphasis on developing listening and speaking skills in everyday situations. Course materials will include audio-visual materials. Prerequisite: German 111 or Placement Test. Strongly recommended: German 203 or 204 (concurrent enrollment).

- **German 208** 2 units (crs.)

Intermediate Conversation II (HU)

Content similar to German 207. May be taken prior to German 207. Prerequisite: German 111 or Placement Test. Strongly recommended: German 203 or 204 (concurrent enrollment).

- **German 248** 5 units (crs.)

Fourth Seminar German for CAPP Programs (HU)

An intensive two-semester course taught at high schools affiliated with the CAPP program featuring development of advanced intermediate conversational skills and reading skills through the study of works of German literature and other appropriate materials. This course is a substitute for German 204 and 208.

- **German 301** 3 units (crs.)

Advanced Composition and Conversation I

Development of written and oral facility using materials in German civilization. Prerequisite: German 204, consent of instructor, or Placement Test.

- **German 304** 3 units (crs.)

Advanced Composition and Conversation II

Development of written and oral facility using materials in German civilization. May be taken before German 301. Prerequisite: German 204, consent of instructor or Placement Test.

- **German 306** 3 units (crs.)

Landeskunde: Introduction to the German Speaking World

An introduction to the cultures of the German speaking countries with a focus on the development of communicative competency. Conducted in German. Prerequisites: German 204.

- **German 308** 3 units (crs.)

Introduction to German Literature

Introduction to the genres and study of German-speaking literature (poetry, drama, narrative prose) and an overview of German literary history. Study of Basic formal elements and practice in the analysis of literary texts. Prerequisite: German 204 or consent of instructor.

- **German 312** 3-5 units (crs.)

Advanced Grammar

A thorough survey of grammatical principles and their application in both oral and written German. Prerequisite: German 204, consent of instructor, or Placement Test, or 248 with a grade of B or better.

- **German 313** 3 units (crs.)

Business German

An introduction to Business German focusing on the development of communicative competency in a variety of business situations as well as relevant cultural knowledge. Conducted in German. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 314** 3 units (crs.)

German Phonetics

Discussion of the sound system of German and intensive practice in pronunciation, as well as introductory study of the background of standard High German in historical, cultural and geographical context. Prerequisite: German 204, consent of instructor.

- **German 315** 3 units (crs.)

Medieval and Early Modern German Literature

From the oldest records to the Classical Period. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 318** 3 units (crs.)

German Literature of the Late 18th and 19th Centuries

From the Classical Period to Naturalism. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 321** 3 units (crs.)

German Literature from the Twentieth Century to the Present

From Naturalism to the present. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 323** 2-3 units (crs.)

Multicultural Germany

History and present situation of minority cultures in Germany. Readings include essays and short stories. Discussion of issues, texts, and films. Prerequisite: German 204 or consent of instructor.

- **German 325** 2-3 units (crs.)

German Mass Media and Current Events

Intensive work with contemporary media (radio, television, magazines, and newspapers) in order to improve language skills and gain knowledge of current cultural themes in German-speaking countries. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 327** 3 units (crs.)

The German Fairy Tale Tradition

An introduction to fairy tales in German culture focusing on the development of the genre and the central role of the Brothers Grimm. Conducted in German. Prerequisite: German 204.

- **German 330** 3 units (crs.)

German Civilization

Lectures, discussions and selected readings dealing with the civilization and cultural history from the Germanic period to the present. Prerequisites: German 301 and 304, 301 and 312, or 304 and 312, or consent of instructor.

- **German 350** 3 units (crs.)

Masterpieces of German Literature in English Translation

Reading and discussion of outstanding prose works including those of Mann, Kafka, and Hesse; plays from Lessing and Schiller to Brecht and Dürrenmatt.

- **German 351** 3 units (crs.)

Honors: Masterpieces of German Literature in English Translation

Reading and discussion of outstanding prose works from German Literature including selections from Mann, Kafka, and Hesse; plays from Lessing and Schiller to Brecht and Dürrenmatt.

- **German 360** 1-3 units (crs.)

Special Topics

Special topics in German. Course content to be designated by the instructor. May be repeated with different content for credit. Prerequisite: German 204 or consent of instructor.

- **German 438** 3 units (crs.)

The German Novelle

Reading and analysis of representative 19th and 20th century German prose works, noting literary trends of the time and showing their interdependence with the political situation of Germany. Prerequisite: German 315, 318 or 321.

- **German 445** 3 units (crs.)

German Prose Works of the Twentieth Century

Reading and analysis of 20th Century prose works, showing how 20th Century thought is reflected in the writings of the leading German prose authors of the period. Prerequisite: German 315, 318 or 321.

- **German 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **German 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **German 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

COURSES IN JAPANESE

- **Japanese 110** 4 units (crs.)

Introduction to Japanese I (HU)

Introduction to the Japanese language and way of thinking that underlies it. Four skills of speaking, listening, reading and writing will provide an understanding of the Japanese and their unique way of communication. A variety of language experiences will be developed through extensive use of audio materials in the language laboratory.

- **Japanese 111** 4 units (crs.)

Introduction to Japanese II (HU)

This is a four-credit course which serves as a continuation of the first term elementary course in spoken and written Japanese. In this course, the spoken language will be emphasized, but attention will also be given to reading and writing. Students enrolled are expected to have an active knowledge of hiragana and katakana from the previous term. Prerequisite: Japanese 110

- **Japanese 210** 4-5 units (crs.)

Intermediate Japanese I (HU)

Continuation of the first-year, introductory courses in spoken and written Japanese. Will count toward the Bachelor of Arts language requirement and General Education-Humanities: Foreign Language requirement. Prerequisite: Japanese 111.

- **Japanese 211** 4-5 units (crs.)

Intermediate Japanese II (HU)

Continuation of the third term intermediate course in spoken and written Japanese. Prerequisite: Japanese 210.

- **Japanese 248** 5 units (crs.)

Fourth Semester Japanese For CAPP Programs

An intensive two-semester course taught at high schools affiliated with the CAPP program featuring development of intermediate conversational skills and reading and writing skills through the study of the Japanese Language and other appropriate materials. This course is a substitute for Japanese 211. Prerequisite: Equivalent of Japanese 210.

- **Japanese 305** 3 units (crs.)

Basic Kanji in Context

This three-credit course aims to assist student learning of kanji to improve their reading and writing skills in Japanese. Learning kanji is one of the most challenging parts in learning Japanese due to its ideographical nature. In reality, however, mastering kanji greatly helps learners improve their reading skills and accelerates learning. In this course, students focus on mastering approximately 350 basic kanji in context selected by the instructor. Prerequisite: Japanese 111 or consent of the instructor.

- **Japanese 310** 3-5 units (crs.)

Advanced Japanese I

Japanese 310 is the fifth semester course of modern Japanese. The main objective of this course is the continuous development of the four skills of communication. This course helps students expand their structural as well as sociolinguistic knowledge of the language. Prerequisites: Japanese 211 or consent of instructor, or 248 with grade of B or better.

- **Japanese 311** 3 units (crs.)

Advanced Japanese II

Continuation of the fifth semester advanced course in spoken and written Japanese. The main objective of this course is the continuous development of the four skills of communication, reading, writing, listening and speaking. This course will help students expand their structural as well as sociolinguistic knowledge of Japanese. Prerequisite: Japanese 310 or consent of instructor.

- **Japanese 315** 3 units (crs.)

Bilingual Approaches to Japanese Culture and Society

This is a bilingual (English-Japanese) culture course where students learn various aspects of Japanese culture and society, and at the same time, improve their reading, writing and

presentation skills in the Japanese language. Reading and writing assignments are given both in Japanese and English while online class discussions are primarily conducted in English. Prerequisite: Japanese 310 or consent of instructor.

- **Japanese 320** 3 units (crs.)

Advanced Japanese III

Continuation of the sixth semester advanced course in spoken and written Japanese. The main objective of this course is the continuous development of the four skills of communication; reading, writing, listening and speaking. This course will help students expand their structural as well as sociolinguistic knowledge of Japanese. Prerequisite: Japanese 311 or consent of instructor.

- **Japanese 360** 2-3 units (crs.)

Special Topics in Japanese

Course content to be designated by the instructor. May be repeated for credit. Prerequisite: Japanese 210 or consent of instructor.

- **Japanese 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Japanese 310 or consent of instructor.

- **Japanese 464** 3 units (crs.)

Senior Thesis in Japanese Studies

This course will guide Japanese Studies majors in conducting a senior research project and producing a research paper in Japanese based on their original research on a specific topic. This final individual project intends to integrate knowledge and skills acquired in Japanese Studies courses, as well as to provide an in-depth exploration of a topic of the student's special interest. Students will also advance their spoken Japanese and be required to make an oral presentation of the research results at the end of the semester.

Prerequisite: Japanese 311 or consent of instructor.

COURSES IN RUSSIAN

- **Russian 110** 4 units (crs.)

Introduction to Russian I (HU)

Introduction to the land and the people through language study in a cultural context. The four skills of reading, writing, listening and speaking treated with equal attention using a text supplemented with audio and visual materials relevant to the language and culture. Weekly attendance in the language lab is required as an integral part of the course. (4+1)

- **Russian 111** 4 units (crs.)

Introduction to Russian II (HU)

Prerequisite: Russian 110. (4+1)

- **Russian 203** 3-4 units (crs.)

Intermediate Structure and Expression (HU)

Structural review, development of speaking, listening, reading and writing skills. Will count toward the Bachelor of Arts language requirement. Prerequisite: Russian 111.

- **Russian 204** 3-4 units (crs.)

Russian Intermediate Reading (HU)

Emphasis on reading and discussion of selected works of authors and/or materials of current interest. Will count toward fulfillment of the Bachelor of Arts language requirement.

Prerequisite: Russian 203.

- **Russian 350** 3 units (crs.)

Masterpieces of Nineteenth-Century Russian Literature in English Translation (NW)

Masterpieces of the Russian novel, short story, drama, and poetry of the 19th century; works of Pushkin, Gogol, Turgenev, Tolstoy, Dostoevsky, and others. This course meets the 3 unit (cr.) requirement in non-western cultural content.

- **Russian 360** 1-3 units (crs.)

Russian Special Topics

Special topics in Russian. Course content to be designated by the instructor.

- **Russian 375** 3 units (crs.)

Masterpieces of Twentieth-Century Russian Literature in English Translation (NW)

The works of diverse 20th century writers are studied, such as Pasternak's 'Doctor Zhivago,' Bulgakov's 'The Master and Margarita,' Solzhenitsyn's 'The First Circle,' as well as some of the poetry of Evtushenko and Voznesensky.

- **Russian 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Russian 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Russian 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

COURSES IN SHOSHONE

- **Shoshone 110** 4 units (crs.)

Introduction to Shoshone Language I

Shoshone Language I is an introductory course in which students will learn the linguistic and phonetic system of speaking and writing the Shoshone language. Shoshone alphabet sounds and cultural understanding of the Wind River Shoshones will be emphasized in this course. This course is only available to Wind River Tribal College students.

COURSES IN SPANISH

- **The following courses may be offered both on campus and through study abroad programs:** Spanish 301, 304, 309, 312, 332, 363. Additional courses can also be taken abroad. See your academic advisor for more information.

- **Spanish 101** 2 units (crs.)

Spanish 1a - Project Success (HU)

Equivalent to the first half of Spanish 110 in content, but requires twice the amount of time to cover the material. Special early emphasis on Spanish sound system and corresponding written form. Emphasis on basic audio-lingual skills, acquisition of an active vocabulary, rapid reading for comprehension and fundamental concepts of grammar.

- **Spanish 102** 2 units (crs.)

Spanish 1b - Project Success (HU)

Equivalent to the second half of Spanish 110 in content, but requires twice the amount of time to cover the material. Prerequisite: Spanish 101 or consent of instructor.

- **Spanish 103** 2 units (crs.)

Spanish 11a - Project Success (HU)

Equivalent to Spanish 111 in content and units (crs.), but requires twice the amount of time to cover the material. Prerequisite: Spanish 102 or consent of instructor.

- **Spanish 104** 2 units (crs.)

Spanish 11b - Project Success (HU)

Equivalent to the second half of Spanish 111 in content, but requires twice the amount of time to cover the material. Prerequisite: Spanish 103 or consent of instructor.

- **Spanish 110** 4 units (crs.)

Introduction to Spanish I (HU)

Emphasis on basic audio-lingual skills, acquisition of an active vocabulary, rapid reading for comprehension and fundamental concepts of grammar. (4+1)

- **Spanish 111** 4 units (crs.)

Introduction to Spanish II (HU)

Prerequisite: Spanish 110 or Placement Test. (4+1)

- **Spanish 112** 4 units (crs.)

Honors: Introduction of Spanish I (HU)

Emphasis on basic audio-lingual skills, acquisition of an active vocabulary, rapid reading for comprehension and fundamental concepts of grammar. Equivalent of Spanish 110 for students enrolled in the University Honors program. Prerequisite: University Honors status. (4+1)

- **Spanish 113** 4 units (crs.)

Honors: Introduction to Spanish II (HU)

Emphasis on basic audio-lingual skills, acquisition of an active vocabulary, rapid reading for comprehension and fundamental concepts of grammar. Equivalent of Spanish 111 for students enrolled in the University Honors program. Prerequisite: Spanish 112 or Spanish 110 and University Honors status. (4+1)

- **Spanish 203** 3 units (crs.)

Intermediate Structure and Expression (HU)

Structural review, development of speaking, listening, reading and writing skills. Will count toward the Bachelor of Arts language requirement. Prerequisite: Spanish 111 or Placement Test.

- **Spanish 204** 3 units (crs.)

Intermediate Structure and Expression II (HU)

Emphasis on reading and discussion of selected works of authors and/or materials of current interest. Will count toward fulfillment of the Bachelor of Arts language requirement.

Prerequisite: Spanish 203 or Placement Test.

- **Spanish 207** 2 units (crs.)

Intermediate Conversation I (HU)

Emphasis on developing listening and speaking skills in everyday situations. Prerequisite: Spanish 111 or Placement Test. Strongly recommended: Spanish 203 (concurrent enrollment).

- **Spanish 208** 2 units (crs.)

Intermediate Conversation II (HU)

Continuation of Spanish 207. Prerequisite: Spanish 111 or Placement Test. Strongly recommended: Spanish 204 (concurrent enrollment).

- **Spanish 248** 5 units (crs.)

Fourth Semester Spanish for CAPP Programs (HU)

An intensive two-semester course taught at high schools affiliated with the CAPP program featuring development of advanced intermediate conversational skills and reading skills through the study of works of Spanish and Spanish American literature and other appropriate materials. This course is a substitute for Spanish 204 and 208.

- **Spanish 300** 3 units (crs.)

Conversaciones Culturales

Within the Spanish Major and Minor, this course will be considered the first advanced conversation course. It will be based on both Latin American and Spanish cultural aspects through a selection of texts and audiovisual materials. This course is intended to build students' speaking skills, vocabulary, and understanding of Hispanic cultures. Prerequisites: Spanish 204, 248 (or equivalent) or instructor permission.

- **Spanish 301** 3 units (crs.)

Advanced Composition I

Development of writing skills through composition tasks. This course also includes a grammar review. Prerequisites: Spanish 310 or 312, or Spanish 310 or 312 to be taken concurrently with 301, or permission of instructor.

- **Spanish 304** 3 units (crs.)

Advanced Composition II

This course is the continuation of 49-301. Development of writing skills through composition tasks. This course also includes a grammar review component. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 307** 3 units (crs.)

Spanish Phonetics

Survey of Spanish phonology and contrastive study of Spanish and English. Detailed phonetic analysis of allophones as determined by environment. Oral practice and improvement of pronunciation are important aspects of the course. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 308** 3 units (crs.)

Business Spanish

Designed to provide an introduction to business and legal terminology and to acquaint students with vocational opportunities including Spanish banking, marketing, and credit document translations as well as legal translations. Includes a workshop emphasizing the composition and preparation of business correspondence and vouchers. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 309** 1-4 units (crs.)

Advanced Spanish Conversation

An intensive oral course for advanced students conducted entirely in Spanish. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 310** 3 units (crs.)

Spanish For Native Speakers I

This course is intended for native speakers only and it is the equivalent of 312. Thorough and specific survey of advanced grammatical principles with focus on writing and reading skills and certain grammatical forms that tend to present difficulties to native speakers. Students cannot earn credit for both Spanish 312 and Spanish 310.

Prerequisites: Spanish 204 or 248 with a grade of B or better, instructor consent or placement test.

- **Spanish 311** 3 units (crs.)

Spanish For Native Speakers II

This course is intended for native speakers only and it is the equivalent of 313. A continuation of the study of specific advanced grammatical principles and syntax.

Students cannot earn credit for both Spanish 313 and Spanish 311. Prerequisites: Spanish 310 or instructor's consent.

- **Spanish 312** 3-5 units (crs.)

Advanced Spanish Grammar I

Thorough and specific survey of advanced grammatical principles with intensive examination of syntax and of constituents of the Spanish utterance. Students cannot earn credit for both Spanish 312 and Spanish 310. Prerequisite: Spanish 204, or 248 with a grade of B or better.

- **Spanish 313** 3 units (crs.)

Advanced Spanish Grammar II

A continuation of the study of specific advanced grammatical principle and syntax. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 314** 3 units (crs.)

Introduction to Spanish & Latin American Literature

An introductory course to the study of Spanish and Latin American Literature that concentrates on questions of genre (narrative, poetry, drama and essay) and periodization. Prerequisites: Spanish 300, 301, and 312; or Spanish 300, and 312, and 301 may be taken concurrently or consent of instructor; or Spanish 310, 311, and 301; or Spanish 310 and 311, and concurrently with 301 or consent of instructor.

- **Spanish 315** 3 units (crs.)

Medieval and Early Modern Spanish Literature

From the 11th century to the end of the 17th century. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 318** 3 units (crs.)

Spanish Literature 18th Century to the Present

From the 18th century to the present. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 320** 3 units (crs.)

Latin American Literatures from the Pre-Columbian to Colonial Period

Introduction to the principal works and writers of the colonial period including Bernal Díaz del Castillo, El Inca Garcilaso de la Vega, and Sor Juana Inés de la Cruz. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 325** 3 units (crs.)

Latin American Literatures from the 19th Century to the Present

Continuance of Spanish 320, a brief study of the definitive literature and authors from the 19th century to contemporary writings, including Sarmiento, Palma, Hernández, Martí, Darío, Borges, Fuentes, García Márquez, Allende, Neruda and Mistral. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 327** 3 units (crs.)

Hispanic Short Story

Short stories from both Spain and Latin America are read and analyzed. Literary production of the 19th and 20th centuries is emphasized. Writers may include Lillo, Darío, Becquer, Quiroga, Pardo Bazan, Cortazar, García Márquez, Castellanos, Borges, among others. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 331** 3 units (crs.)

Culture and Civilization of Latin America Project Success (HU)

The course explores various aspects of the culture and civilization of Latin America and the Caribbean. Assorted readings and videos will provide a background for class discussions of the course topics. Course is exclusively designed for students of Project Success. This course can be taken concurrently with Spanish 103 and/or Spanish 104.

The course content will be conducted partially in Spanish and English. Prerequisite: Completion of Spanish 102.

- **Spanish 332** 3 units (crs.)

Spanish Civilization

Study of the geography and civilization of Spain to include Spanish history from the earliest settlers through our times, the evolution of Spanish society, painting, sculpture and architecture from pre-Roman times through our days, Spanish music from the Middle Ages to present-day folk-song, Spanish folklore, proverbs and tales, and the uniqueness of modern Spain. This course is taught exclusively in Spanish. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 334** 3 units (crs.)

Latin American Civilization

A broad survey of Latin America giving greater importance to the causes and effects of meaningful events on cultural development than to bare historical data. High priority will be given to demonstrating the unity of Latin American culture notwithstanding its varied contours. Present-day political, economical and social structure will also be emphasized in order to show the old and new facets of Latin American reality. This course is taught exclusively in Spanish. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 335** 3 units (crs.)

Mexican Civilization

A study of Mexican history, politics, geography, art, literature, music and customs. This course is taught exclusively in Spanish. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 341** 3 units (crs.)

Spanish for Medical Professions

A course specifically designed to serve the diverse needs of medical personnel. Emphasizes oral communication with Spanish-speaking patients and acquisition of medical vocabulary.

Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 342** 3 units (crs.)

Spanish for Human Services

A course specifically designed to serve the diverse needs of human service personnel. Emphasizes oral communication with Spanish-speaking clients and acquisition of related vocabulary. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 343** 3 units (crs.)

Spanish for Law Enforcement

A course specifically designed to serve the diverse needs of law enforcement personnel. Emphasizes oral communication in Spanish for personnel in the field of law enforcement. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 350** 3 units (crs.)

Masterpieces of Spanish Literature in English Translation

The study of selected major works of Spanish literature belonging to many periods, from the Middle Ages to the 20th century including the works of Cervantes, Calderón, Galdós, Unamuno, and Lorca.

- **Spanish 351** 3 units (crs.)

Latin American Literature and Film

This course includes films and literary texts from and on Latin America. Texts and films will be analyzed from a cultural and social perspective. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 352** 3 units (crs.)

Latin American Women Writers

A study of some of the major Latin American Women Writers from the colonial period through independence to contemporary Latin America. The course analyzes topics related to feminism, history, politics, sexuality, national identity and society in a variety of genres. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 360** 1-3 units (crs.)

Spanish Special Topics

Literary Topics as announced. Previous topics include; Latin American Theatre of the 20th Century. History of the Spanish Language, Golden Age Theatre, and Modern Latin American Novel. May be repeated for credit. Prerequisite: Two courses at the 300 level to include either Spanish 310 or 312 or 313 or consent of instructor.

- **Spanish 361** 3 units (crs.)

Special Topics in Spanish Linguistics: Optional Content

Topics in Spanish linguistics as announced. With a different subtitle, and the signature of the department chair, it may be taken more than once. Topics might include Advanced Composition and Stylistics, Syntax and Lexicography and Advanced Grammar III. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 362** 3 units (crs.)

Special Topics in Spanish Literature: Optional Content

Literary topics in Spanish literature as announced. With a different subtitle, and a signature of the department chair, it may be taken more than once. Topics might include "Don Quijote",

"*la vida es sueño*", "*El Libro de Buen Amor*", "*La Celestina*", and "Early Spanish Epic Poetry".
Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 363** 3 units (crs.)

Special Topics in Spanish Civilization: Optional Content

Topics in Spanish civilization as announced. With a different subtitle, and the signature of the department chair, it may be taken more than once. Topics might include: An In-depth Study of the Cultural Impact of the "Road to Santiago", "The Arabic Contribution to the Language and Culture of Spain", and "The Role of Humanism in 16th Century Spanish Culture". Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 364** 3 units (crs.)

Special Topics in Latin American Literature: Optional Content

This course may be offered with different content. With a different subtitle, and the signature of the department chair, it may be taken more than once. Topics might include Contemporary Mexican Literature, Literature of Argentina, Chile and Uruguay, Latin American Novel, Indigenous and Indigenist Voices in Latin American Literature, Latin American Non-fiction, and Latin American Women Authors. Prerequisite: Spanish 314, or consent of instructor. (3+0)

- **Spanish 365** 3 units (crs.)

Special Topics in Latin American Civilization: Option Content

Topics in Latin American Civilization as announced. This course may be offered with different content. With a different subtitle, and the signature of the department chair, it may be taken more than once. Topics might include the interrelationship between folk customs, dress, beliefs, religious and secular ceremonies, in a given region of Latin America (i.e. the Caribbean, Southern Cone or Central America). Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor. (3+0)

- **Spanish 371** 3 units (crs.)

Introduction to Translation

An introduction to the practice of translation (English-Spanish and Spanish-English). Texts used incorporate terminology related to medical, legal, and business Spanish. This course is also a revision of advanced grammatical concepts. Prerequisites: Spanish 300, 312 and 301 or consent of instructor or Spanish 310, 311 and 301 or consent of instructor.

- **Spanish 375** 3 units (crs.)

Masterpieces of Spanish American Literature in English Translation

The study of selected major works of Spanish American literature. Stress is placed on the works of major authors including Borges, Asturias, Sábato, García Márquez, Cortázar, Fuentes, Benedetti, Vargas-Llosa, Neruda and Paz.

- **Spanish 376** 3 units (crs.)

Honors: Masterpieces of Spanish American Literature in Translation

An intensive study of selected major works of Spanish American literature. Stress is placed on the works of major authors including Borges, Asturias, Sábato, García Márquez, Cortázar, Fuentes, Vargas-Llosa, Neruda and Paz.

- **Spanish 401** 3 units (crs.)

Medieval and Renaissance Literature

Treatment of major prose and poetry from the 11th to the 16th century, including *Poema de Mio Cid*, *La Celestina* and *El Libro de Buen Amor*. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 404** 3 units (crs.)

Spanish Golden Age Literature

Study of Renaissance and Baroque 16th and 17th century masterpieces including Lazarillo and works of Cervantes, Lope de Vega, Tirso de Molina, Calderón, Garcilaso, Góngora and Quevedo. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 412** 3 units (crs.)

The Twentieth Century

The study of Modern Spanish prose, drama and poetry beginning with the Generation of 98. Includes works of Baroja, Machado, Unamuno, Valle-Inclán, Ortega y Gasset, Lorca, Cela and Matute. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 420** 3 units (crs.)

Latin American Short Story

A study of major authors and movements from the Romantic Period to the present day. Included are the works of Quiroga, Borges, Cortázar, Fuentes, and García Márquez. Prerequisite: Spanish 314, or consent of instructor.

- **Spanish 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Spanish 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Spanish 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

Geography & Urban Planning

Information

Kazimierz Zaniewski, Chairperson
Department Office: Halsey Science, Room 330C
Department Telephone: 920-424-4105
Code 50 or GEOG

Faculty

- Alberts, Coulibaly, Cross, Gray, Long, Zaniewski

Degrees

- **Undergraduate:** A major in Geography can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** The Department does not offer a graduate program. However, students who complete a major in our Department may wish to consider advanced study at the University of Wisconsin Oshkosh in these programs: Master of Business Administration, Master of Public Administration, Master of Science in Education. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers a choice of 4 emphases within the Geography Major. These are: 1) Global Insights Emphasis, 2) Geographic Information Science Emphasis, 3) Environmental Analysis & Management Emphasis 4) Secondary Education Geography Emphasis.
3. **THE MINOR(S)**
 - The Department offers 2 minors: 1) Geography 2) Geography - Elementary Education

Admission/Graduation Requirements

- To be eligible for the Geography major or minor, students must earn a minimum grade point average of 2.00 in all courses required for the major and minor.
- Those students seeking Wisconsin Teacher Certification must earn a minimum grade point average of 3.00 in all courses required for the Geography major or minor in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **Geography**
 - Geography 102/104 World Regional Geography 3 cr.
 - Geography 111/112 Human Geography 3 cr.
 - Geography 121 Physical Geography I - Weather and Climate 4 cr.
 - Geography 122 Physical Geography II - Landforms and Soils 4 cr.
 - Geography 371 Cartography 4 cr.
 - Geography 380 Research Methods 3 cr.

The Major(s), with Emphasis and/or Options

1. GEOGRAPHY MAJOR

- **Global Insights Emphasis**
Recommended for students who wish to have a general background in the regional and topical fields of Geography.
Required Units (crs.): 39 minimum
Required Courses: In addition to the Core Courses:
 - One course (3 crs.) from the following Geography courses: Geography 380, 400, 451*

Elective Courses:

- Three courses (9 crs.) from the following Regional Geography courses: Geography 317, 319, 331, 338, 347, 353, 354
- One course(3 crs.) from the following Human Geography or Regional Geography courses: Geography 213, 311, 313, 316, 321, 324, 325, 329, 422, 451*
- One course (3 crs.) from the following Physical Geography or Human Environment courses: Geography 314, 335, 364, 377, 414, 419
- One course (3 crs.) from the following Human Geography, Physical Geography, Human-Environment Interaction, or Regional Geography courses: Geography 213, 311, 313, 314, 316, 321, 324, 325, 329, 335, 364, 377, 414, 419, 422, 451*

*Students can get credit for Geography 451 only once, either under the required course option or as an elective course.

- **Geographic Information Science Emphasis**
Recommended for students who wish to acquire a greater concentration in the

methods and techniques of Geography and for those who seek careers in such fields as cartography and Geographical Information Systems.

Required Units (crs.): 48 minimum

Required Courses: In addition to the Core Courses:

- **Geography:** Geography 371, 471, 472
- One course (3 crs.) from the following Geography courses: Geography 380*, 400, 451*, 461*

Elective Courses:

- Three courses (9 crs.) from the following Geographic Techniques or Computer Science courses: Geography 380*, 381, 382, 391, 402; Computer Science 142
- Two courses (6 crs.) from two of the following groups:
 - Human Geography: Geography 213, 311, 316, 321, 324, 325, 329, 422, 451*
 - Physical Geography: Geography 304, 335, 342, 352, 363, 461*
 - Human Environment Interaction: Geography 314, 364, 377, 414, 419
- Two courses (6 crs.) from the Urban Planning courses: Urban Planning 300, 317, 351

*Students can get credit for Geography 380, 451 or 461 only once, either under the required course option or as an elective course.

- **Environmental Analysis And Management Emphasis**

Recommended for students who wish to acquire a greater concentration in the concepts and methods of environmental geography and for those who seek careers in environmental analysis and environmental resource management.

Required Units (crs.): 48 minimum

Required Courses: In addition to the Core Courses:

- **Geography:** Geography 314, 371, 385
- One course (3 crs.) from the following Geography courses: Geography 380*, 400, 461*

Elective Courses:

- Two courses (6 crs.) from the Physical Geography courses: Geography 304, 335, 342, 352, 363, 461*
- Two courses (6 crs.) from the Human-Environment Interaction courses: Geography 364, 377, 414, 419
- One course (3 crs.) from the Geographic Techniques courses: Geography 381, 382, 391, 402, 471, 472
- Two courses (6 crs.) from the following courses: Environmental Studies 370, 395; Geology 320, 365; Economics 355, 360; Biology 386

*Students can get credit for Geography 380 or 461 only once, either under the required course option or as an elective course.

- **Secondary Education Geography Emphasis**

Recommended for students earning the Bachelor of Science in Education degree and planning to teach Geography in grades 6-12.

Required Units (crs.): 39 minimum

Required Courses: In addition to the Core Courses:

- Geography 311, 313, 317, 324

- One course (3 crs.) from the following Geography courses: Geography 380, 451, or 461
- One course (3 crs.) from the following Physical Geography or Human-Environmental Interaction courses:
 - Physical Geography: Geography 304, 335, 342, 352, 363
 - Human-Environment Interaction: Geography 314, 414, 419
- One course (3 crs.) from the following Human Geography, Regional Geography or Geographic Techniques courses:
 - Human Geography: Geography 316, 321, 377, 422
 - Regional Geography: Geography 319, 331, 338, 347, 353, 354
 - Geographic Techniques: Geography 381, 391, 471

Elective Courses: Additional courses beyond the minimum requirements may be taken from the Department's offerings.

The Minor(s)

GEOGRAPHY MINOR

- **Required Units (crs.):** 22 minimum
- **Required Courses:**
 - **Letters and Science:** Geography, Geography 102.
 - **Secondary Education:** Geography, Geography 111, 121.
- **Electives:**
 - **Letters and Science:** sufficient courses from the Department's offerings to meet the Minimum Requirement
 - **Secondary Education:** electives must include:
 - One course (3 crs.) from the Physical Geography courses: Geography 122, 304, 335, 352, 364, 419
 - One course (3 crs.) from the Human Geography courses: Geography 213, 311, 314, 324, 325, 377
 - One course (3 crs.) from the Regional Geography courses: Geography 102, 313, 317, 319, 331, 338, 347, 353, 399, 422.

2. GEOGRAPHY MINOR (ELEMENTARY EDUCATION)

Recommended for students who desire a strong geography background for teaching in the elementary schools. This minor can be taken only in combination with a major in Elementary Education.

- **Required Units (crs.):** 25 minimum
- **Required Courses:**
 - Geography 111, 121, 311, 313
 - Two courses(6 crs.) from the Regional Geography courses: Geography 102, 316, 317, 319, 331, 338, 347, 353, 354
 - One course (3 crs.) from the Human Geography courses: Geography 213, 311, 321, 324, 325, 329, 377, 422, 451

- One course (3 crs.) from the Physical Geography courses: Geography 304, 314, 335, 342, 352, 363, 364, 419, 461

Course Offerings

- **Geography 102** 3 units (crs.)
World Regional Geography (NW) (SS)

A study of the various interrelationships of cultural and physical phenomena as exemplified by major world regions. Intended for those who seek to enhance their knowledge of important world regions. (Not open to students with credit in upper level Regional Geography).

- **Geography 104** 3 units (crs.)
Honors: World Geography (NW) (SS)

A study of the various interrelationships of cultural and physical phenomena as exemplified by major world regions. Intended for those who seek to enhance their knowledge of important world regions. For University Honors students only. Credit will be allowed for only one of Geography 102 or 104. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **Geography 111** 3 units (crs.)
Human Geography (SS)

The distribution and significance of major elements of culture, such as languages, religions, and political systems, are examined, along with processes that shape cultural landscapes.

- **Geography 112** 3 units (crs.)
Honors: Human Geography (SS)

The nature, distribution, and significance of major elements of human geography. For University Honors students only. Uses exploratory/investigative learning method. Credit will be allowed for only one of Geography 111 or 112. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **Geography 121** 1-4 units (crs.)
Physical Geography I - Weather and Climate (NS)

An introductory study of the elements and controls of weather, climate, and vegetation; their distribution and interaction with other elements of the global environment. Prerequisites: Math 103 with a grade of C or better or placement into Math 104 or higher. (Not open to students with credit in Geography 118.) (3+2)

- **Geography 122** 1-4 units (crs.)
Physical Geography II - Landforms and Soils (NS)

An introductory study of the earth's landscapes, particularly landforms, soil, and water; their distribution and interaction with other elements of the global environment. Field trip. (Not open to students with credit in Geography 117.) Prerequisite: Geography 121 or 118. (3+2)

- **Geography 213** 3 units (crs.)
Population Geography (SS)

Population by world regions stressing contrast in numbers, densities, growth rates, and distributional patterns. Current population problems, problem areas, and the methodology by which population growth is predicted.

- **Geography 304** 3 units (crs.)
Soils

A study of the morphology, evolution, classification, and distribution of soils.

- **Geography 311** 3 units (crs.)
Economic Geography (SS)

A topical approach to the analysis of spatial variations in man's activities related to producing, distributing, servicing and consuming various products.

- **Geography 313** 3 units (crs.)
Wisconsin (SS)

The interrelationships between the state's physical environment and its people are stressed. Included are: physiographic history, landscape regions, climate, natural vegetation, soils, population distribution and composition, agricultural patterns, mineral production, manufacturing, and tourism.

- **Geography 314** 3 units (crs.)
Environmental Conservation (SS)

An examination of natural resource utilization, methods of exploitation, policies governing their development, and their relationship to cultural geographic patterns.

- **Geography 316** 3 units (crs.)
Ethnic Landscapes of America (ES) (SS)

An overview of the cultural landscapes which have shaped the United States. Particular emphasis will be placed upon the contributions of Native Americans and a variety of ethnic minority populations, examining the spatial distributions of these groups and their unique traditions in shaping their landscapes and contrasting their landscapes with that of the Anglo-Saxon majority. Prerequisite: Geography 102 or 111 or History 201 or 202. 316/516

- **Geography 317** 3 units (crs.)
United States and Canada (SS)

Emphasis is upon physical, cultural, and economic factors which shape regional landscapes. Population movements, changing agricultural production, recent energy and industrial developments. Prerequisite: Geography 102.

- **Geography 319** 3 units (crs.)
Latin America (NW) (SS)

The cultural and physical aspects of Latin America organized by regions and countries. Prerequisite: Geography 102.

- **Geography 321** 3 units (crs.)
Political Geography (SS)

An examination of the political factors which influence geographic distributions. Topics considered in this course will include the political organization of space, territory and boundary problems, political conflict and its resolution, problems in the location of public facilities and spatial aspects of voting behavior. Prerequisite Geography 111.

- **Geography 324** 3 units (crs.)
Urban Geography (SS)

The origin, development, distribution, and functions of urban places with emphasis on internal area differentiation, growth, and problems of modern cities. Prerequisite Geography 111.

- **Geography 325** 3 units (crs.)
Geography of Transportation and Industry (SS)

Geographic analysis of functions, significance, and problems of transportation. Study of types of carriers, history of route development, and terminal facilities as they relate to industrial development, specific manufacturing enterprises, and economic regions. Prerequisite: Geography 311.

- **Geography 329** 3 units (crs.)

Geography of Recreation and Tourism (SS)

A study of recreational areas and the processes (physical and cultural) that exist and give character to those areas.

- **Geography 331** 3 units (crs.)

Europe (SS)

A topical analysis of Europe emphasizing the distribution and interrelation of major physical and human features, including landforms, climate, vegetation and soils, population, language, religion, economic activities, settlement patterns, and political organization. Prerequisite: Geography 102.

- **Geography 335** 3 units (crs.)

Climatology

Atmospheric processes concerned with transfer of heat and moisture including systems of climatic classification and the analysis of climatic types. Prerequisite: Geography 121.

- **Geography 338** 3 units (crs.)

Russian Realm (NW) (SS)

A topical analysis of the countries of the former Soviet Union emphasizing their physical environment, agricultural and industrial activities, population, language, and political organization. Prerequisite: Geography 102. 338/538

- **Geography 342** 4 units (crs.)

Meteorology

Designed as a follow-up to Geography 121, this course will examine the governing forces that drive the weather (e.g. radiation, dynamics, thermodynamics, local and synoptic-scale circulations) In the laboratory portion of the course, these concepts will be studied in the context of daily diagnoses (and eventually, forecasting) of the weather. This will be achieved through introduction to the analysis and interpretation of meteorological observations (including surface and upper air observations, satellite, and radar data, and thermodynamical diagrams) and output from numerical weather prediction (NWP) models relevant to the preparation of short to medium range weather forecasts. An emphasis on either summer or winter severe weather forecasting will also be included depending upon the semester. Prerequisite: Grade of C or better in Geography 121 AND one of the following: Math 103, 104 or 171; or consent of instructor. (3+0)

- **Geography 347** 3 units (crs.)

Asia-Pacific (NW) (SS)

In a broad arc from Japan to Indonesia, the Asian countries facing the Pacific Ocean contain a third of the world's population and have become a gigantic force in the global economy. This course considers the region's fascinating physical landscapes, its complex cultural tapestries, and its dynamic economic geography. The course emphasizes both the variation within Asia as well as the region's connections to the broader world. Prerequisite: Geography 102.

- **Geography 352** 3 units (crs.)

Landscape Morphology

Processes of landform evolution. Analysis of landforms and interpretation of the physical landscape using topographic maps, aerial photographs, and topographic models. Prerequisite: Geography 122, or Geology 102.

- **Geography 353** 3 units (crs.)

Subsaharan Africa (NW) (SS)

An analysis of the distribution and interrelation of the physical and cultural characteristics of sub-Saharan Africa. Includes the study of the development, present conditions, and problems of particular regions and countries. Prerequisite: Geography 102. 353/553

- **Geography 354** 3 units (crs.)

Middle East and North Africa (SS)

A topical analysis of the Middle East and North Africa with emphasis on the physical environment and natural resources, cultural patterns, and spatial aspects of geopolitical relations. Prerequisite: Geography 102.

- **Geography 363** 3 units (crs.)

Biogeography

Examines the role and nature of biophysical processes and their significance to the spatial and temporal patterns at various scales. Topics include the investigating functional relationships between climate, soils, and vegetation, as well as introducing approaches to land systems analysis focusing upon ecosystems and other land system interactions. Prerequisite: Geography 121 or Biology and Microbiology 349. 363/563

- **Geography 364** 3 units (crs.)

Water Resource Management (SS)

A study of the characteristics and behavior of water on a global scale. Emphasis on the geographic location of water, its significance, its use by man, and the problems of water management. Prerequisite: 8 units (crs.) of Physical Geography or Physical Geology.

- **Geography 371** 4 units (crs.)

Cartography (SS)

An introduction to mapping: Historical development of mapping, map design, construction and lettering, topographic map analysis, representation of landforms, map projection and theory, coordinate systems, legal descriptions, techniques of data representation on base maps, and elements of map reproduction. 371/571 (3+2)

- **Geography 377** 3 units (crs.)

Population and Environment (SS)

Examination of the relationship between population and environment, particularly the importance of demographic change in shaping the environment, forces that influence this relationship, theoretical perspectives used in the analysis of population-environment relationship, and how population dynamics affect various aspects of environmental change. The topics are studied from historical and global perspectives with comparisons of population-environmental change. The topics are studied from historical and global perspectives with comparisons of population-environmental links in various parts of the world and those in the United States. Prerequisites: Geography 102, 111 or 213; or Environmental Studies 211; or consent of instructor.

- **Geography 380** 3 units (crs.)

Research Methods (SS)

Defining geographic problems, design of research projects, data collection, analysis of data using cartographic and statistical techniques, and research report writing.

- **Geography 381** 3 units (crs.)

Air Photo Interpretation (SS)

An introduction to aerial measurements and interpretation using vertical air photos. Attention given to landform features, agricultural patterns, and urban area analysis. Prerequisite: Junior or senior standing.

- **Geography 382** 3 units (crs.)

Remote Sensing of the Environment (SS)

The focus is on the interpretation and application of data obtained by major remote sensing techniques to the detection and monitoring of the physical and cultural landscape. Includes orbital and suborbital photography, electronic sensing in the ultraviolet, thermal, passive and active microwave and multispectral. Prerequisite: Geography 381, 391 or consent of instructor. (2+2)

- **Geography 385** 3 units (crs.)

Quantitative Methods in Geography and Environmental Sciences (SS)

This course emphasizes the application of statistical techniques, especially spatial statistics, to a wide variety of geographical and environmental problems. Students will learn how to choose among descriptive and inferential statistical techniques, to correctly apply those techniques and then interpret the results. Students will also learn how to use the statistical software package SPSS. Prerequisite: Mathematics 104 or math placement higher than Mathematics 104.

- **Geography 391** 3 units (crs.)

Computer Cartography (SS)

Application of microcomputer technology to the art and science of cartography. Lectures and labs emphasize thematic mapping, such as choropleth, dot, isarithmic and surface mapping; graphing; digital atlas production and multimedia oriented cartography (map animation).

Prerequisite: Geography 371. 391/591 (2+2)

- **Geography 395** 1 unit (cr.)

Colloquium in Geography (SS)

Overview of current research and professional developments within the various subfields of geography. Prerequisite: Geography major or minor with junior or senior standing. (May be repeated for up to 3 units (crs.), with course being graded on a pass/fail basis.)

- **Geography 399** 1-8 units (crs.)

Study Tour (SS)

Background readings, field lectures, a trip log, and a comprehensive paper are required under the direction of the geography staff person in charge. Information on fees, transportation, and trip expenses available in a separate announcement.

- **Geography 400** 3 units (crs.)

Geographic Concepts (SS)

A study of the historical development and organization of the field with special consideration to literature and methodology. Prerequisite: 24 units (crs.) in geography.

- **Geography 402** 3 units (crs.)

Field Methods of Geography (SS)

Techniques of field observations and geographic analysis. Various methods of collecting field data applied to both physical and cultural landscapes. Area of field study alternates between the Oshkosh area and more distant locations. Contact instructor for application materials and information on special course fees. Prerequisite: Geography 380 or 9 units (crs.) of urban studies or consent of instructor. (1+4)

- **Geography 414** 3 units (crs.)

Natural Resource Management (SS)

Examines techniques for the biophysical and socio-economic analysis of natural environments. The course will emphasize the variety of perspectives from which environmental management policies and modeling tools can be developed. Prerequisite: Geography 314. 414/614

- **Geography 419** 3 units (crs.)

Natural Hazards (SS)

Examination of various atmospheric and geologic events which threaten human activities. The physical characteristics of the threats, human perceptions of the threats, and various hazard mitigation measures (including structural adjustments, land use planning, and evacuation preparations) will be studied. Prerequisite: 8 units (crs.) of Physical Geography or Geology 419/619

- **Geography 422** 3 units (crs.)

Historical Geography of the United States (SS)

Settlement patterns, routes, exploration, and regional development from pre-Columbian times to the 20th Century. Prerequisite: Geography 317 or 3 units United States History.

- **Geography 444** 1-6 units (crs.)

Internship in Geography (SS)

An employment experience in which students work under direct supervision of a professional, applying their skills in cartographic, Geographic Information Systems, air photo interpretation, soils, conservation, or some other subfield or geography. May be taken up to a maximum of 6 units (crs.) earned. Prerequisite: Geography 371, at least one of the following: Geography 402, 380, 381, 391, 471, 472, and consent of instructor.

- **Geography 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Geography 451** 3 units (crs.)

Advanced Topics in Human Geography (SS)

This course examines a specific topic in human geography of interest to faculty and students. The course may be repeated for credit only if the content is different. Each time it is offered, the topic will be announced in the timetable. Prerequisite: Geography 102, 111 and consent of instructor. 451/651

- **Geography 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Geography 461** 3 units (crs.)

Advanced Topics in Physical Geography (SS)

This course examines a specific topic in physical geography of interest to faculty and students. The course may be repeated for credit only if the content is different. Each time it is offered the topic will be announced in the timetable. Prerequisite: Geography 121, 122 and consent of instructor. 461/661

- **Geography 471** 3 units (crs.)

Geographic Information Systems (SS)

Introduction to Geographic Information Systems (GIS) and the utilization of spatial data for solving geographic problems. Both theoretical concepts of GIS technology and practical applications of GIS will be studied. Prerequisite: Geography 371 or consent of instructor. 471/671 (2+2)

- **Geography 472** 3 units (crs.)

Advanced Geographic Informational Systems (SS)

Continues the exploration of geographic information systems beyond the material and topics covered in the introductory course. Topics include introductory level algorithm development, applications survey and readings, and student initiated GIS project design and execution.

Prerequisite: Geography 471/671. 472/672 (2+2)

- **Geography 474** 1-6 units (crs.)

Honors: Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

Geology

Information

William N. Mode, Chairperson
Department Office: Harrington Hall 215
Department Telephone: 920-424-4460
Code 51 or GEOLOGY

Faculty

- Hiatt, Mode, Muldoon, Paulsen, Suszek, Wenner

Degrees

- **Undergraduate:** A major in Geology can lead to the degree(s): Bachelor of Arts, Bachelor of Science; A major in Secondary Earth Science Education can lead to the degree: Bachelor of Science in Education.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers 2 majors: 1) Geology, 2) Secondary Earth Science Education. The Department offers a choice of 3 emphases within the Geology Major: 1) Professional Emphasis in Geology, 2) Professional Emphasis in Hydrogeology, 3) Liberal Arts Emphasis in Geology.
 - Students pursuing double majors may wish to formulate an individually planned program and should consult with the Department Chairperson.
3. **THE MINOR(S)**
 - The Department offers 2 minors: 1) Geology, 2) Secondary Earth Science Education.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Geology major or minor.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **Geology**
 - **One of the following three courses:**
 - Geology 102 Physical Geology 4 cr.
 - Geology 110 Honors: Geology 5 cr.
 - Geology 150 Environmental Geology 4 cr.
 - (Exception: Secondary Earth Science majors must take Geology 150)
 - **Followed by these three courses:**
 - Geology 109 Evolution of the Earth 4 cr.
 - Geology 205 Mineralogy 4 cr.
 - Geology 206 Lithology 4 cr.
- **Prerequisites:**
Note that Chemistry 105 must be taken before or concurrently with Mineralogy, Geology 205, and that the Chemistry courses have Math prerequisites.
- **Comment:**
Students who elect Geology Emphasis A or B are expected to take a substantial number of courses in mathematics and other sciences, as specified below.

The Major(s), with Emphasis and/or Options

1. **GEOLOGY MAJOR**
 - **Professional Emphasis in Geology**
 - Recommended for students who plan graduate studies in geology or who will ultimately seek professional employment as a geologist. This emphasis stresses courses traditionally included in an undergraduate major in geology.
 - **Required Units (crs.):** 40 minimum (Required courses in departments other than Geology are not included in the minimum).
 - **Required Courses:** In addition to the Core Courses:
 - **Geology:** Geology 309, 314, 326 or 369, 331; and 6 units (crs.) from this list: Geology 308, 311, 320, 322, 326 or 369, 333, 365.
 - **Chemistry:** Chemistry 105 and 106.
 - **Mathematics:** Mathematics 171 and 172.

- **Physics:** Physics/Astronomy 107 and 108; or Physics/Astronomy 109* and 110*.
 - **Computer Skills:** Computer Science 142 or 221; or Geography 371, 391 or 471; or Mathematics 201.
 - *Recommended course sequence
- **Other Requirements:** 6 units (crs.) of field geology taught in a summer field course that has been pre-approved by the Geology Department. Please consult with the Geology Department Chair during the fall term if you are planning to take a field geology course other than Geology 344.
- **Electives:** For students who wish to take additional courses beyond the minimum requirement, these studies are recommended:
 - **Biology:** Biology 105.
 - **Chemistry:** Chemistry 221.
 - **Mathematics:** Mathematics 201 or 301.
- **Professional Emphasis in Hydrogeology**
 - Recommended for students who plan graduate studies in Hydrogeology, Environmental Science, Environmental Geology or Water Resources Management programs. Also suitable for students who will seek immediate employment in one of these fields.
 - **Required Units (crs.):** 40 minimum (Required courses in departments other than Geology are not included in the minimum.)
 - Required Courses:** In addition to the Core Courses:
 - **Geology:** Geology 314, 320 or 335, 326 or 369, 331, 365, 366.
 - **Chemistry:** Chemistry 105 and 106.
 - **Mathematics:** Mathematics 171 and 172.
 - **Physics:** Physics/Astronomy 107 and 108; or Physics/Astronomy 109* and 110*.
 - **Computer Skills:** Computer Science 142 or 221; or Geography 371, 391 or 471; or Mathematics 201.
 - *Recommended course sequence
 - **Other Requirements:** 6 units (crs.) of field geology taught in a summer field course that has been pre-approved by the Geology Department. Please consult with the Geology Department Chair during the fall term if you are planning to take a field geology course other than Geology 344.
 - **Electives:** For students who wish to expand their background by taking additional courses in related topics offered by another department, these studies are recommended:
 - **Economics:** Economics 204, 206, 355.
 - **Mathematics:** Mathematics 201, 273, 371.
 - **Biology:** Biology 105, 106, 233.
 - **Chemistry:** Chemistry 221, 235, 320.
- **Liberal Arts Emphasis in Geology**
 - Recommended for students who want a general, non-professional liberal arts education and are pursuing either a Bachelor of Arts or Bachelor of Science degree.

- **Required Units (crs.):** 34 minimum (Required courses in departments other than Geology are not included in the minimum)
Required Courses: In addition to the Core Courses:
 - **Chemistry/Physics:** Two semesters of one or the other;
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.
2. **SECONDARY EARTH SCIENCE EDUCATION MAJOR**
 Recommended for students who are in Education and wish to teach Earth Science at the junior or senior high school level.
- **Required Units (crs.):** 39 minimum (Required courses in departments other than Geology are not included in the minimum except for Astronomy (Physics/Astronomy 103) and Geography (Geography 121).
 - **Required Courses:** In addition to the Core Courses:
 - **Geology:** Geology 309, 320 or 335, 328, 344.
 - **Astronomy:** Physics/Astronomy 103.
 - **Geography:** Geography 121.
 - **Mathematics:** Mathematics 108 or 104.
 - **Other Requirements:** Two semesters of Biology, Chemistry or Physics.
 - **Prerequisites:** Note that Geology 331 is a prerequisite for Geology 344.

The Minor(s)

1. GEOLOGY MINOR

- **Required Units (crs.):** 22 minimum in Geology
- **Required Courses:**
 - **Geology:** Geology 102 or 110 or 150; 109.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.

2. SECONDARY EARTH SCIENCE EDUCATION MINOR

- **Required Unit (cr.):** 33 minimum
- **Required Courses:**
 - **Geology:** Geology 150, 109, 205, 206, 309, 320 or 335, 328.
 - **Physics:** Physics/Astronomy 103.
 - **Geography:** Geography 121.

Course Offerings

- **Geology 102** *1-4 units (crs.)*
Physical Geology (NS)

The nature and origin of rocks and the study of geological processes such as erosion, earthquakes, mountain building and plate tectonics. Laboratories illustrate geological methods of scientific inquiry by studies of minerals, rocks, rock deformation, topographic and geologic

maps, and by a field trip. Students may receive credit for only one of the following courses: Geology 102, 110 or 150. (3+2) (Fall-Spring). Special Fee: \$5.00 will be charged.

- **Geology 109** 4 units (crs.)

Evolution of the Earth (NS)

Evolution of the Earth with emphasis on plate tectonic concepts and the geologic history of North America. History of life as revealed in the geologic record. A field trip to the Devil's Lake area is required. Prerequisite: Geology 102, 110 or 150. (3+2) (Fall-Spring). Special Fee: \$5.00 will be charged.

- **Geology 110** 5 units (crs.)

Honors: Geology (NS)

This course provides the scientific foundation to understand how the earth works and why geologic events occur when and where they do. It is divided into three areas of study. The first considers the materials which make up the earth and the processes that produce them. These materials include the common minerals and rocks of the earth as well as the scarce ones that are so important for our economy. Next, a thorough treatment of internal earth processes provides the foundation for understanding the large-scale motions and upheavals of the earth including continental drift, the formation of mountains, eruption of volcanoes, and the origin of earthquakes. The third part of the course studies the surface processes that wear down the mountains and sculpture our landscape into varied and interesting configurations we see today. The laboratory provides hands-on experience with the three aspects of geology and introduces the student to geological methods of scientific inquiry. A field trip is part of the laboratory. Prerequisite: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students may receive credit for only one of the following courses: Geology 102, 110 or 150. Students cannot earn credit in both an honors course and a non-honors course of the same title. Special fees may apply. (4+2) (Spring)

- **Geology 140** 1 unit (cr.)

Introduction to Geologic Field Methods

Introduction to principles and techniques for observing, describing, and interpreting geological features in the field. Prerequisite or concurrent enrollment: Geology 102, 110 or 150. Special fees may apply. (Spring-even years) (0+2)

- **Geology 150** 1-4 units (crs.)

Environmental Geology (NS)

The physical environment and human interaction with it. Emphasis on earth processes which affect humans, such as rivers, erosion, groundwater, landslides, and earthquakes. Includes a laboratory with study of rocks and minerals, soils, water quality, maps, hydroprocesses, and a local field trip. Course is recommended for non-majors. Students may receive credit for only one of the following courses: Geology 102, 110 or 150. (3+2) (Fall-Spring). Special Fee: \$5.00 will be charged.

- **Geology 205** 4 units (crs.)

Mineralogy (NS)

Crystallography and crystal chemistry of the major groups of minerals. Mineral associations, alteration, and economic importance. Laboratory work consists of mineral identification using physical and chemical properties and mineral associations. Field trips may be taken to selected areas to illustrate principles taught in the course. Prerequisite: Geology 102, 110 or 150; and Chemistry 105 (may be taken concurrently). Special fees may apply. (3+3) (Fall)

- **Geology 206** 1-4 units (crs.)

Lithology (NS)

Genesis and classification of igneous, sedimentary and metamorphic rocks; principles of magmatic differentiation and sedimentary and metamorphic facies. Laboratory work with hand specimens of rocks and minerals. Field trips may be taken to selected areas to illustrate principles taught in the course. Prerequisite: Geology 205. Special fees may apply.(3+3) (Spring)

- **Geology 306** 1 unit (cr.)

X-Ray Mineralogy

Principles of x-ray diffraction and application to mineral studies using powder methods.

Prerequisite: Geology 205. 306/506 (0+2)

- **Geology 307** 3 units (crs.)

Optical Mineralogy (NS)

Theory and practice of mineral identification using the petrographic microscope. Prerequisite: Geology 206. 307/507 (2+3)

- **Geology 308** 3 units (crs.)

Petrology

The character and origin of igneous and metamorphic rocks. Laboratory examination of thin sections of igneous and metamorphic rocks with a petrographic microscope. Prerequisite: Geology 205. Special fees may apply. 308/508 (2+3) (Spring-odd years)

- **Geology 309** 3 units (crs.)

Paleontology (NS)

Morphology, classification, life environment, and stratigraphic distribution of invertebrate fossils. Fossil preservation and nature of the fossil record. Mechanisms of organic evolution and extinction. Application of paleontologic principles to the study of earth history. Prerequisite: Geology 109. Special fees may apply. (2+2) (Fall)

- **Geology 311** 3 units (crs.)

Stratigraphy and Basin Analysis

Application of stratigraphic concepts to the study of basin evolution and the genesis and architecture of sedimentary rock successions. Discussion of the tectonic evolution of basins, principles of stratigraphic correlation, interpretation of terrestrial and marine depositional systems, sequence stratigraphy, event stratigraphy, stratigraphic modeling, and hydrocarbon systems. Laboratory experiments with outcrop sample suites, core and subsurface geophysical data sets. Field trips to describe and interpret local sedimentary rock succession. Prerequisite: Geology 206. Special fees may apply. 311/511 (2+2) (Spring-odd years)

- **Geology 314** 3 units (crs.)

Sedimentology (NS)

Analysis and interpretation of sediments and sedimentary rocks. Prerequisite: Geology 206. Special fees may apply. 314/514 (2+3) (Fall)

- **Geology 315** 1 unit (cr.)

Sedimentary Petrology

Description, classification and interpretation of sedimentary rocks in hand specimen and thin section. Prerequisite: Geology 314. 315/515 (0+3) (Spring-odd years)

- **Geology 320** 3 units (crs.)

Geomorphology (NS)

Fundamentals of surficial geology and landscape form and process. Laboratory work includes study of topographic maps, geologic maps, and air photos which are representative of major

physiographic provinces in the United States. A field trip is required. Prerequisite: Geology 109. Special fees may apply. (2+2) (Fall-even years)

- **Geology 322** 3 units (crs.)

Mineral Deposits

Principles that govern the accumulation of the metallic ores. Consideration of the geology and genetic processes associated with a variety of metallic ore deposits. A field trip to one of several mining areas and/or areas currently being explored for mineral deposits in the Lake Superior area is required. Prerequisite: Geology 206. Special fees may apply. (2+2) 322/522 (Fall odd years)

- **Geology 326** 3 units (crs.)

Geophysics & Geotectonics

Application of principles of physics to the study of the earth. Discussion of plate tectonics theory, and nature and distribution of regional scale tectonic features of the earth, such as mountain belts. Laboratory use of certain geophysical instruments, field trips, and problems involving reduction and interpretation of geophysical data. Prerequisites: Mathematics 108 or equivalent; Concurrent enrollment in Physics and Astronomy 108 or 110, Geology 102 or 110 or 150. Strongly recommended: Geology 331. Special fees may apply. 326/526 (2+3) (Spring-even years)

- **Geology 328** 3 units (crs.)

Oceanography

Basic phenomena and conditions of the oceans, development of the science of oceanography, structure of the ocean basins, chemistry and physics of sea water, circulation of oceans, life in the sea and the deposits on the floor of the sea. Prerequisite: Eight units (crs.) of lab science. Special fees may apply. (3+0) 328/528 (Spring)

- **Geology 331** 3 units (crs.)

Structural Geology and Tectonics

Introduction to principles of rock deformation, description and interpretation of geologic structures, and geotectonic processes. Laboratory exercises using methods for structural analysis. Field trip required. Prerequisites: Mathematics 106 or 108 or equivalent; Geology 206. Special fees may apply. 331/531 (2+3) (Spring)

- **Geology 333** 3 units (crs.)

Advanced Mineralogy

In-depth studies of crystallography and crystal chemistry. Investigations the fundamental chemical principles that dictate the structure and composition of minerals. Introduction to the wide varieties of minerals that occur in the major mineral groups. Geological processes associated with the genesis of individual mineral species. Advanced field and laboratory techniques for identifying minerals. Prerequisites: Chemistry 105 and Geology 205. Special fees may apply. (2+2) (Fall, even years)

- **Geology 335** 3 units (crs.)

Glacial Geology

The origin, movement, and decay of glaciers; landforms developed by glaciers; the glacial succession and associated environmental changes, and the economic aspects of glaciation. A field trip is required. Prerequisite: Geology 102, 110 or 150. Special fees may apply. 335/535 (2+2) (Fall-odd years)

- **Geology 342** 2 units (crs.)

Applied Geologic Field Methods

Principles and techniques of acquiring and interpreting geological and geophysical field data. Includes geologic mapping using base maps, aerial photographs, plane table surveys, and pace-and-compass surveys; geophysical surveys with portable instruments. A field trip and a final written report are required. Prerequisite: Geology 206 (concurrent enrollment). Strongly recommended: Geology 140 (concurrent enrollment). Special fees may apply. (1+3) (Spring Interim - odd years)

- **Geology 344** 6 units (crs.)

Field Geology

Application of the theories and methods of field geology in the mountains of the western United States. Provides practical experience and instruction in geologic mapping and field analysis of geologic structures and sedimentary, igneous, and metamorphic rock assemblages. Geology 344 meets for six weeks during the summer. Prerequisite: Geology 206, 331 and consent of instructor. Strongly recommended: Geology 309 and 311. Contact instructor for application materials and information regarding special course fees. (Summer)

- **Geology 355** 3 units (crs.)

Geology of Wisconsin

The Precambrian, Paleozoic and Pleistocene history of Wisconsin and surrounding area, emphasizing the nature and chronology of geological processes which have formed the rocks. Field trips to selected areas illustrate a variety of geological features. Prerequisite: Consent of instructor. 355/555 (As scheduled)

- **Geology 360** 1-3 units (crs.)

Field Course in Geology

Formal classroom study of an area of geologic interest followed by field study of the area. Study areas change from year to year, but have included the Florida reef tract, coastal North Carolina, the Catskills, the Grand Canyon, the Guadalupe Mountains, Big Bend National Park, the Gulf Coast, and central Coahuila, Mexico. A final examination follows the trip. May be taken for credit more than once. Special sections may be arranged to accommodate students with differing backgrounds in geology. Prerequisite: Consent of instructor. Contact instructor for information regarding special course fees. 360/560 (1+2) (Spring)

- **Geology 361** 1 unit (cr.)

Lake Superior Trip

Field trips to selected areas of the Lake Superior region to examine and study various aspects of igneous, sedimentary and metamorphic rocks, and structural features that relate to the tectonic history of the region. Glacial features will also be studied. See instructor for special course fees. Prerequisite: Consent of instructor. May be taken for credit more than once. (As scheduled)

- **Geology 365** 3 units (crs.)

Physical Hydrogeology

This course explores various aspects of the water cycle. Major topics include evaporation, precipitation, surface water hydrology, occurrence of soil moisture and groundwater, properties of aquifers, principles of groundwater flow, groundwater flow to wells, and the geologic settings of groundwater supplies. Laboratory exercises will familiarize students with sources of hydrologic data and with mathematical and graphical methods of analyzing those data to solve applied problems. Prerequisites: Geology 102, 110, or 150; Mathematics 108 or equivalent; or consent of instructor. Special fees may apply. 365/565 (2+2) (Fall-odd years)

- **Geology 366** 3 units (crs.)

Chemical Hydrogeology

This course provides the background necessary to address groundwater contamination problems. Major topics include 1) the chemistry of natural waters and the important reactions affecting groundwater chemistry, 2) an introduction to the physical and chemical processes affecting solute transport, 3) the characteristics of common groundwater contaminants, and 4) methods of site characterization and remediation. Laboratory sessions will be a mix of case studies, demonstrations, and exercises that will familiarize students with sources of hydrogeologic and hydrogeochemical data and with mathematical and graphical methods of analyzing those data to solve applied problems. Prerequisite: Geology 365/565 and Chemistry 106. Special fees may apply. 366/566 (2+2) (Spring-even years)

- **Geology 369** 3 units (crs.)

Geochemistry

Qualitative and quantitative study of geologically important elements and their distribution in crustal environments. Chemical bonding, solution equilibria, chemical weathering, pH-Eh diagrams and their relevance to base metal deposits, and organic geochemistry. Prerequisite: Geology 102, 110 or 150, and Chemistry 106. Special fees may apply. (3+0) (Fall-even years)

- **Geology 370** 2 units (crs.)

Field Methods in Hydrogeology I

This field course is designed to provide students with the range of field skills needed by the practicing hydrogeologist to characterize subsurface geology and aquifer properties. Topics to be covered include drilling methods, geophysical techniques, well installation, determination of groundwater flow direction, and aquifer testing. The course includes lecture, lab, and field components. For each topic there will be an introductory lecture followed by a field exercise designed to give students experience with data collection. Lab time will be used for data analysis. Field exercises will make use of the wells located on the UWO campus, however there will also be a day-long field trip to off-campus locations. Prerequisite: Physical Hydrogeology (365/565) or consent of instructor. Special fees may apply. 370/570 (Fall, odd, years)

- **Geology 371** 1 unit (cr.)

Field Methods in Hydrogeology II

This field course is designed to provide students with the range of field skills needed by the practicing hydrogeologist. Topics to be covered include collection of water samples, characterization of natural water quality, and methods of characterizing the presence and extent of groundwater contamination. The course includes both a lecture component and an extensive field component. For each topic there will be an introductory lecture followed by a field exercise designed to give students experience with data collection and analysis. Field exercises will make use of the wells located on the University of Wisconsin Oshkosh campus; however, there will also be field trips to off-campus locations some of which may require overnight stays. Prerequisite: Chemical Hydrogeology (Geology 366/566) or consent of instructor. Special fees may apply. 371/571 (Spring Interim, even years).

- **Geology 398** 1-3 units (crs.)

Geology Workshop

A workshop on special topics of interest to teachers. This course may be repeated for credit with different topics. Prerequisite: Consent of instructor. 398/598 (As scheduled)

- **Geology 399** 3 units (crs.)

Geology of Wisconsin - Field Course

A multi-institutional, team-taught field trip throughout Wisconsin. The trip will provide an opportunity to study some of the exposures on which the geological history of Wisconsin has

been interpreted. Undergraduates will take three exams; graduates will take the exams and do small mapping projects. Prerequisite: Geology 206 and consent of instructor. See instructor for special course fees. 399/599 (0+6) (As scheduled)

- **Geology 444** 1-3 units (crs.)

Research in Geology

A student will work collaboratively with a professor on a research project, which may be field- or laboratory-based or both. This is an opportunity for a student to learn how to initiate, pursue, and complete a geologic research study. Geology students are encouraged to take this course because it will prepare them for graduate work or geological employment. Prerequisite: Consent of Instructor.

- **Geology 445** 1-3 units (crs.)

Geology Internship

Application of geologic training to business/government job environment. Student will be supervised on the job by geotechnical professional. Internships can be arranged any term. The number of units (crs.) to be received and the grading criteria will be agreed upon in advance with the faculty member who is the on-campus supervisor. Course may be repeated for up to a total of three units (crs.). Prerequisite: Geology 206 and consent of department chair.

- **Geology 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Geology 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Geology 460** 1-3 units (crs.)

Topics in Geology

The study of selected topics in geology. Topics may be of current interest or may expand on material covered in other courses. The topic will be announced in the timetable when the course is offered. The course may be repeated for credit only if the content is different. Prerequisite: Geology 206, consent of instructor, and a GPA in Geology of 3.0 or higher. (1,2, or 3+0) 460/660

- **Geology 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

History

Information

Kimberly Rivers , Chairperson
Department Office: Clow Faculty 325
Department Telephone: 920-424-2456
Code 57 or HISTORY

Faculty

- Barricelli, Earns, Feldman, Frey, Kapelusz-Poppi, Kercher, Kuhl, Loewenstein, Loiacono, Mouton, Rensing, Rivers, Rutz

Degrees

- **Undergraduate:** A major in History can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - The goals of the department of history are to ensure that each student majoring in history has been taught to assess historical events and historical writing in a critical fashion and to conduct research appropriate to the undergraduate level. In order to implement and evaluate these goals, the department requires students, with the assistance of faculty advisors, to compile a portfolio containing two samples of their work each year, including all papers produced in the senior seminar. History majors must meet with their advisors upon declaring their majors and then once each semester to ensure satisfactory progress in the major.
2. **THE MAJOR(S)**
 - The Department offers a single major, History.
3. **THE MINOR(S)**
 - The Department also offers a History minor.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the History major or minor.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **History**
 - History 101 Early Civilization 3 cr.
 - History 102 Modern Civilization 3 cr.
 - History 201 U.S. History to 1877 3 cr.
 - History 202 Modern U.S. Since 1877 3 cr.

The Major(s), with Emphasis and/or Options

1. HISTORY MAJOR

Recommended for students who plan to study law, to do graduate work in History or Library Science, or to pursue careers in historical societies, museums, archives; local, state, or national governmental service; or business; and for secondary education students who wish to teach history at the high school level.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the core courses:
 - One 300-level course from American History.
 - One 300-level course from European History.
 - One 300-level course from Non-Western History.
 - One Seminar (History 411, History 412, History 413).
- **Electives:** Sufficient courses from the Department's upper-level offerings to meet the minimum requirement.
- **Course Offerings:**
 - **American History courses:** History 311, 326, 339, 341, 345, 357, 358, 361, 362, 363, 364, 366, 367, 368, 369, 385, 386, 392, 393, 394, 395, 396, 397, 398.
 - **European History courses:** History 302, 303, 304, 305, 306, 308, 310, 312, 316, 318, 319, 322, 323, 329, 330, 331, 332, 333, 334, 340, 350, 370, 371, 372, 373, 374.
 - **Non-Western History courses:** History 313, 346, 347, 348, 349, 351, 355, 359, 360, 375, 376, 377, 378, 381, 382, 383, 384.
 - **Related courses:** History 399, 401, 446, 456, 474.

- **Course Substitutions:** Transfer students may substitute history units (crs.) earned at other institutions only after consultation with the chairperson of the History Department.
- **Comment:**
The Department also provides support for a Broad Field Social Science Major that is recommended for students who plan to teach high school courses in the Social Science fields and courses such as civics, social problems, American problems, area studies, and vital issues in grades 7-12. See the College of Education and Human Services entry for Broad Field Social Science major requirements.

The Minor(s)

1. HISTORY

Recommended for students who wish to add a minor in History to a related major such as Anthropology, Art, Business Administration, Communication, Criminal Justice, Economics, English, Environmental Science, Foreign Languages, Geography, International Studies, Political Science, Religious Studies or Women's Studies.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **History:** History 101, 102, 201, 202.
- **Other Requirements:**
 - One 300-level course from American History.
 - One 300-level course from European History.
 - One 300-level course from Non-Western History.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement

Course Offerings

-
- **History 101** 3 units (crs.)
Early Civilization (SS)

Survey of development of civilizations, including beginnings in Mesopotamia and Egypt, through Greece, Rome, the Middle Ages, and the Renaissance. (Fall-Spring)

- **History 102** 3 units (crs.)
Modern Civilization (SS)

Survey of development of Civilizations, including the high Renaissance through Reformation, Scientific Revolution, Enlightenment, Industrial Revolution, and the emergence of nationalism and democracy to recent times. (Fall-Spring)

- **History 103** 3 units (crs.)
Honors: Modern Civilization (SS)

Survey of development of Civilization, including the high Renaissance through Reformation, Scientific Revolution, Enlightenment, Industrial Revolution, and the emergence of nationalism and democracy to recent times. Prerequisite: University Honors student. Students cannot earn credit in both an honors course and a non-honors course of the same title. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **History 201** 3 units (crs.)

United States History to 1877 (SS)

Survey of United States history from voyages of discovery and early European settlement in North America, through colonial rivalries, struggle of English colonies for independence, expansion and development of young republic, and crisis of Civil War and Reconstruction. (Fall-Spring)

- **History 202** 3 units (crs.)

Modern United States History Since 1877 (SS)

Survey of United States history from 1877; emergence of a modern industrial state, expansion abroad, First and Second World Wars, and role as a great power. (Fall-Spring)

- **History 203** 3 units (crs.)

Honors: Modern United States History Since 1877 (SS)

Survey of United States history from 1877; emergence of a modern industrial state, expansion abroad, First and Second World Wars, and role as a great power. Prerequisite: University Honors student. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175. (Fall-Spring)

- **History 204** 3 units (crs.)

Honors: Early United States History to 1877 (SS)

Early United States history will be examined within the framework of the new social history. Primary sources will be used to eliminate the relationship between myth and reality, to analyze national values and their origins, and to examine the struggle for national unity in a culturally diverse society. Students cannot earn credit in both an honors course and a non-honors course of the same title. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **History 302** 3 units (crs.)

Ancient Greece (SS)

Greek civilization from the Homeric Age to Alexander. Greek democracy's triumphs and failures. Colonization of the Mediterranean, conflicts with Persia and between Greek city-states. The mind and expression of the Hellenic Age and its influence on the modern world. Prerequisite: History 101 or History 102.

- **History 303** 3 units (crs.)

Roman History (SS)

Rome from earliest times to end of the Western Roman Empire. Political, social, economic, and intellectual aspects of the rise and fall of Roman civilization, with attention to the influences of the Etruscans, Greeks, and Carthaginians, as well as the influence of Rome on Western Culture. Prerequisite: History 101 or History 102.

- **History 304** 3 units (crs.)

Early Middle Ages, 300-1050 (SS)

An introduction to the history and culture of Europe from about 300-1050. Among the topics of discussion will be late antique society, the influence of the barbarians, the importance of the

Church, the Byzantine Empire and Islamic caliphates, the status of women, and the role of law and religion in medieval society. Prerequisite: History 101 or History 102.

- **History 305** 3 units (crs.)

The Later Middle Ages, 1050-1450 (SS)

A survey of the principal political, economic, social, religious, and intellectual events of Western Europe and its influential neighbors, from the mid-eleventh century to about 1450. Among the topics of discussion will be the birth of towns and universities, the emergence of the national monarchies, the course and significance of the Investiture Controversy, religious reform throughout the time period, and the economic and environmental crises of the fourteenth century. Prerequisite: History 101 or History 102.

- **History 306** 3 units (crs.)

The Crusades (SS)

An examination of the social, economic, political, and religious motivations underlying the Crusading Movement from the eleventh to the fourteenth centuries. Particular attention will be devoted to contrasting views of the Crusades from the perspective of Christian, Moslem, and Jewish participants. Prerequisite: History 101 or History 102.

- **History 308** 3 units (crs.)

Renaissance Europe (SS)

Cultural origins and achievements of the Renaissance. Political, economic and social conditions of Italy and the North, Art and Literature, origin of modern states, European expansion overseas, and Renaissance contributions to western culture. Prerequisite: History 101 or History 102.

- **History 310** 3 units (crs.)

Reformation Europe (SS)

An introduction to the political, religious, social and economic, and cultural history of Europe from c.1450 to c.1650. Special emphasis will be given to the intellectual and religious trends of the period and their relation to late medieval ideas, as well as to the topics of the intersection of religions and political expediency, the spread of printing, and role of women and the family in sixteenth and seventeenth-century Europe. Prerequisites: History 101 or History 102.

- **History 311** 3-9 units (crs.)

Special Topic in American History: Optional Content (SS)

Selected topics in American History. This course fulfills the requirements for the major and minor. It may be offered with different content. With a different subtitle, it may be taken more than once with the signature of the Department Chair. Prerequisite: History 201 or 202 or consent of instructor.

- **History 312** 3-9 units (crs.)

Special Topics in European History: Optional Content (SS)

Selected topics in European history. This course fulfills the requirements for the major and minor. It may be offered with different content. With a different subtitle, it may be taken more than once with the signature of the Department Chair. Prerequisite: History 101 or 102 or consent of instructor.

- **History 313** 3-9 units (crs.)

Special Topics in Non-Western History: Optional Content

Selected topics in Non-western history. This course fulfills the requirements for the major and minor. It may be offered with different content. With a different subtitle, it may be taken more than once with the signature of the Department Chair. Prerequisite: History 101 or 102 or consent of the instructor.

- **History 316** 3 units (crs.)

Romanticism and Revolution in Europe (SS)

Europe from the Congress of Vienna to the Franco-Prussian War. Reaction, revolution, social classes, intellectual ferment, and development of ideologies. Prerequisites: History 101 or History 102.

- **History 318** 3 units (crs.)

Modernism and Nationalism in Europe (SS)

European history from end of the Franco-Prussian War through World War I. Political, economic and cultural developments, social and intellectual history, the operation of forces of nationalism and democracy and causes of the Great War. Prerequisite: History 101 or History 102.

- **History 319** 3 units (crs.)

Europe Since 1914 (SS)

History of Europe since World War I. Topics include fascism, communism, nazism, World War I and World War II; post-war efforts at European unity; the East-West conflict. Course will examine political, economic and social developments. Prerequisite: History 101 or History 102.

- **History 322** 3 units (crs.)

European Absolutism (SS)

Studies the emergence and the politics of absolutist monarchical societies in Europe with emphasis on France in the 17th and 18th centuries. Prerequisite: History 101 or History 102.

- **History 323** 3 units (crs.)

Old Regime, French Revolution and Napoleon, 1763-1815 (SS)

Examines the collapse of the traditional monarchy and society in France, the revolutionary changes of 1789-99, and the domestic and international policies of Napoleon Bonaparte from 1799-1815. Prerequisite: History 101 or History 102.

- **History 326** 3 units (crs.)

American Environmental History (SS)

A survey of the major topics and issues in North American environmental history from the early native American experience through the twentieth century. Cross-listed: History 326/Environmental Studies 326. Students may receive credit for only one of the two cross-listed courses.

- **History 329** 3 units (crs.)

Culture and Society in Eighteenth-Century Europe (SS)

This course examines the nature and interaction of elite culture and popular culture during the age of Enlightenment; how new forms of public discourse reflected and reformed a hierarchical social structure based on tradition, status and wealth. Prerequisite: History 101 or History 102.

- **History 330** 3 units (crs.)

Imperial Germany (SS)

The movement for unification in Germany, focusing on the role of Prussia in creating the Second German Empire; domestic developments from 1871 to 1918, foreign affairs as they led to the First World War, and a description of the military struggles of the war that ended in Germany's defeat and the collapse of the empire. Prerequisite: History 101 or History 102.

- **History 331** 3 units (crs.)

Germany from World War I to the Present (SS)

A survey of German History from the First World War to the present. The course will examine the First and Second World Wars, The Weimar Republic, National Socialism, The Holocaust, inflation and depression. It will investigate the division of Germany after 1945 and how

Socialism and Democracy influenced society, culture and politics on the two sides of the Berlin Wall. It will end with a study of the issues surrounding Reunification. Prerequisites: History 101 or History 102.

- **History 332** 3 units (crs.)

Rise and Fall of the Third Reich, 1919-1945 (SS)

The rise of the Nazi Party and Adolf Hitler's role in the years from 1919 to 1932; the development and decline of the Third Reich from 1933 to 1945, analyzing politico-economic and socio-cultural policies of coordination; the events that triggered World War II; the military struggles that characterized the unfolding of the conflict. Prerequisite: History 101 or History 102.

- **History 333** 3 units (crs.)

The Holocaust (SS)

The way in which the Nazi totalitarian dictatorship was able to pervert morality and justice in Germany and elsewhere in order to exterminate European Jews and other racial minorities in concentration camps like Auschwitz, Treblinka, and Maidanek. Prerequisite: History 101 or History 102.

- **History 334** 3 units (crs.)

Women in Modern European History (SS)

An examination of the role of women in modern European History from the Enlightenment to the Present. Particular attention will be paid to how women's work, political participation, and family roles have influenced and have been influenced by industrialization, modernization, and suffrage as well as political movements like democracy, communism, and fascism. Cross-listed: Women's Studies 334/History 334. Students may receive credit for only one of the two cross-listed courses. Prerequisite: History 102 or consent of instructor.

- **History 339** 3 units (crs.)

Public History

Examines the practice of history outside of academia and explores the connections between American history, popular memory, landscapes, and community identity; examines the historic origins and contemporary implications of a "sense of place." Cross-Listed: History 339/Environmental Studies 339. Students may receive credit for only one of these two cross-listed courses. Prerequisite: 9 credits of history or environmental studies, or instructor's consent.

- **History 340** 3 units (crs.)

The Scientific Revolution, 1500-1800 (SS)

Surveys the development of European early modern science and technology in context and in relation to their broad cultural effects. Prerequisite: History 101 or History 102.

- **History 341** 3 units (crs.)

History of Wisconsin (SS)

Cultural, economic, political, and social history of Wisconsin. Meets cooperative requirement for education students. Prerequisite: History 201 or History 202.

- **History 345** 3 units (crs.)

History of American Wilderness

Examines the history of changing American ideas about wilderness, the history of nature protection in the United States; explores current debates over the proper methods of wilderness preservation. Cross-Listed: History 345/Environmental Studies 345. Students may receive credit for only one of the two cross-listed courses. Prerequisite: 3 credits of history or environmental studies, or instructor's consent.

- **History 346** 3 units (crs.)

Women & Gender Relations in Latin American History (NW)

This course will explore the role of women and the construction of gender relations in Latin America since Pre-Hispanic times to the Twentieth Century. It will start with the analysis of these topics among the Aztec and Maya and will next focus on the way in which gender relations contributed to the construction of the colonial world. The course will next look at the position that women played in the nineteenth century and the transformations that affected gender relations towards the end of the century, when new middle-class values began pervading Latin American society. The course will finally examine the way in which the modernization process of the first half of the twentieth century brought women into the public sphere as workers, political leaders, and intellectuals. Cross-listed: History 346/Women's Studies 346. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Either History 102 or History 201.

- **History 347** 3 units (crs.)

Mexico: From Pre-Hispanic Times to the Twentieth Century (NW)

This course examines Mexican Indigenous cultures, the influence of colonial times, the conflicts between Liberals and Conservatives in the nineteenth-century, the Mexican Revolution of 1910, and the reconstruction of the Mexican state in the aftermath of this conflict. Prerequisite: Either History 102 or History 201.

- **History 348** 3 units (crs.)

Ancient and Medieval India

This course surveys the history and historiography of Ancient and Medieval India (South Asia), from the Neolithic period to the late 15th century CE. Through primary and secondary source readings, lectures, videos, and discussions, students will gain a broad understanding of the main themes of ancient and medieval Indian history and culture. Students also will study key selections from the most important works of the corpus of Indic literature, touching on politics, socio-economic development, gender, discrimination, philosophy, religion, the arts, and other topics. Throughout, the course will examine the gradual synthesis of ethnicities, regional dimensional Indian civilization. Three lecture hours per week. Prerequisites: History 101 or History 102.

- **History 349** 3 units (crs.)

Modern India

Through lecture and discussion the student is introduced to major events and themes in the modern history of the Indian Subcontinent, from the rise of the Mughal Empire in the 16th century to the colonial period of the late 18th and 19th centuries, the decades of the freedom struggle in the early 20th century, and the rapid political and socio-economic changes that have occurred since partition and independence in 1947. The course emphasizes, in addition to important political changes, aspects of cultural and economic history. Three lecture hours per week. Prerequisites: History 101 or 102.

- **History 350** 3 units (crs.)

Modern East Europe (SS)

History of East-Central Europe, concentrating on Poland, the Czech lands, Slovakia and Hungary, from circa 1700 to the present. Topics include the emergence of nationalism and nationalism movements, relations with cultures to the west and east, 'modernization', war and the Holocaust, the Communist era, the fall of Communism and cultural, economic, political, religious and social developments within each area. Prerequisite: History 101 or History 102.

- **History 351** 3 units (crs.)

Gender in Indian History

This course examines gender in the context of Indian Civilization from prehistory to the present. Instead of focusing on political and economic history, the concern of this course is the development of ideas about sexual identity and normative values regarding the roles of men and women in society. While the majority of the course material will revolve around the history of women, with an emphasis on relationships and family life in Hindu and Muslim Indian culture, some attention will be given to the subject of masculinity and to non-normative traditions. Cross-listed: History 351/Women's Studies 351. Students may receive credit for only one of the two cross-listed courses. Prerequisites: History 101 or 102.

- **History 355** 3 units (crs.)

Global Environmental History

Examines the way that the natural environment intersects with major themes in world history, including industrialization, colonialism, frontiers, and war. Investigates the environmental context and consequences of these and other subjects with the understanding that the natural world can shape human history and that the events of human history have played and continue to play, key roles in shaping the environment. Cross-listed History 355/Environmental Studies 355. Students may receive credit for only one of the two cross-listed courses. Prerequisites: 3 credits of history or environmental studies, or instructor's consent.

- **History 357** 3 units (crs.)

The United States 1919-1945: Modernity, Crisis, and War (SS)

An examination of one of the most turbulent and pivotal periods in modern United States history. This period began with a Red Scare and the retrenchment of Progressivism; continued with the economic boom, rise of modernity, and the cultural clashes of the paradoxical 1920's; proceeded with the onset of the Great Depression, the political ferment of the Thirties and the formation of the New Deal; and ended with America's participation in World War II. Prerequisite: History 202.

- **History 358** 3 units (crs.)

Asian American History (ES) (SS)

A history of Asian Americans in the United States from the mid-19th century to the present. Peoples from China, Japan, Korea, the Philippines, India and Southeast Asia will be examined. Prerequisite: History 202.

- **History 359** 3 units (crs.)

Africa: 1800 - Present (NW)

A survey of modern African history examining the development of Africa's social, political and economic structures as well as its participation in the process of globalization. Although beginning with some background on the eighteenth century, the course focuses primarily upon the history of Africa from nineteenth century through the post-colonial period. Topics covered by the course will include: indigenous social and political systems, slavery and the slave trade, imperialism, nationalist movements, decolonization, and the rise and fall of Apartheid in South Africa. Prerequisite: History 101 or 102.

- **History 360** 3 units (crs.)

South Africa: 1652 - Present (NW)

A survey of southern Africa from the onset of European settlement to the present. Topics include the diversity of African societies and cultures, the impact of European settlement, the dynamics of the relationships between Dutch and British settlers, the growth of South Africa's modern

economy, the development of policies of racial segregation and the institution of the Apartheid State, the history of African resistance, and the transformation of South Africa into a multi-racial democracy. Prerequisite: History 101 or 102.

- **History 361** 3 units (crs.)

Colonial North America (SS)

A history of North America from the period of contact between indigenous Americans, Europeans, and Africans in the sixteenth century to the independence movement in British North America in the late eighteenth century. Topics will include peace and war between "Indians" and Europeans, the rise of race and slavery, and everyday life in places such as Puritan Massachusetts, the Carolina plantations, French Canada, Spanish New Mexico, and Iroquoia. Particular attention will be paid to the British colonies on the eastern seaboard. Prerequisites: History 201 or permission of instructor.

- **History 362** 3 units (crs.)

The American Revolution, 1760-1786 (SS)

An examination of the revolutionary era in America. It traces the origins of the imperial crisis, the campaigns of the war of independence, loyalism, the citizen army, the British perspective on events, the foundations of the Republic and the social impact of the American Revolution. Prerequisite: History 201.

- **History 363** 3 units (crs.)

American Indian History (ES)

An introduction to the complex past of American Indians in what is now the continental United States, from their origins to the present, with an emphasis on Wisconsin's Indian nations. Includes both ethnohistory, tracing change and continuity in the native cultures, and intercultural political history, seeking to understand the "Indian side(s) of encounters with various colonizers and levels of UW government. Prerequisite: History 201 or History 202 or permission of Instructor.

- **History 364** 3 units (crs.)

Early American Republic, 1787-1828 (SS)

A history of the United States from the framing of the Constitution to the election of Andrew Jackson as President. This is the colorful period of the creation of the U.S. Constitution, the rise of the Federalist and Jeffersonian Republican parties, the fiercely-fought election of 1800, factories, new gender roles for women and men, the growth of democracy, the War of 1812, a "second great awakening" in religious faith, the strengthening and weakening of slavery and, in sum, the foundation of many new American institutions and practices. Prerequisites: History 201 or 202 or permission of instructor.

- **History 366** 3 units (crs.)

United States Democracy (SS)

An examination of the nature, practice and limits of democracy in mid-19th century United States. Nationalism/sectionalism, expansion, the market revolution, racism/slavery, party politics, women's work and status, reform and romanticism will be studied in order to assess the myth and reality of United States democracy in the antebellum era. Prerequisite: History 201 or History 202.

History 367 3 units (crs.)

The Civil War Era (SS)

The process of division, war, and reunion between the years 1845 and 1877. The social and economic structure of the United States in the antebellum era, evolution of the political crisis,

Union and Confederate home fronts, narrative of battles, Black experience during war and peace, and politics of reunion. Prerequisite: History 201.

- **History 368** 3 units (crs.)

The Gilded Age and Progressive Era United States (SS)

During the Gilded age, innovations in industry and transportation created great wealth and attracted millions of immigrants to growing cities. This burst of growth also created problems such as environmental devastation, urban slums, labor violence, political corruption, and racial/ethnic tensions. The people behind the Progressive movement (including many well-known Progressive reformers and politicians in Wisconsin) attempted to find solutions to these problems by studying new fields of knowledge and experimenting with new forms of government. Chronologically covers the end of the Civil War through the end of World War I. Prerequisites: History 202.

- **History 369** 3 units (crs.)

America Since World War II (SS)

An examination of the cultural, intellectual, political, economic and social trends that developed in the United States between American entry into the Second World War and the present. Includes the origins of the Cold War, McCarthyism, the civil rights movement; the counterculture and protest movements of the 1960s, modern feminism, the end of the Cold War, conservative resurgence. Prerequisite: History 202.

- **History 370** 3 units (crs.)

Imperial Russia (SS)

This course will examine the social, cultural, political and economic development of Russia from the medieval era through 1917. Topics to be discussed include the rise and fall of the Kievan state, the creation of Muscovite absolutism, tensions generated by Peter the Great's reforms, and the rise of the revolutionary movement that culminated in the Russian Revolutions of 1917. Prerequisite: History 101 or History 202.

- **History 371** 3 units (crs.)

Modern Russia (SS)

This course will examine the social, political and economic development of Russia from 1917 to the present. Topics to be discussed include Lenin and the Bolshevik seizure of power, Stalin and his attempt to construct a socialist state, the foreign and domestic policies of Khrushchev, Brezhnev, and Gorbachev. The course will conclude with an examination of the current situation and the presidency of Vladimir Putin. Prerequisite: History 101 or History 102.

- **History 372** 3 units (crs.)

Medieval Britain to 1485 (SS)

An examination of the peoples inhabiting Britain from pre-history to 1485. Particular attention will be given to the withdrawal of Britain from the Roman Empire, the emergence of centralized government during both the Anglo-Saxon and high medieval periods, social and intellectual developments after the Norman Conquest, the rise of Parliament, and English involvement in France. The emphasis of the course will be on developments in England, although aspects of Irish, Welsh, and Scottish history will also be included. Prerequisite: History 101 or History 102.

- **History 373** 3 units (crs.)

Early Modern Britain 1485-1714 (SS)

A survey of the social, political, religious and economic history of the British Isles from 1485 through 1714. Topics include: the formation of Tudor state, the Protestant Reformation, the

conquest of Ireland and the origins of the British Empire, the union of the kingdoms of England and Scotland under the Stuart dynasty, the English Civil War and the execution of Charles I, the Interregnum, the restoration of the monarchy in 1660, and the Glorious Revolution of 1689.

Prerequisite: History 101 or History 102.

- **History 374** 3 units (crs.)

Modern Britain 1714-Present (SS)

A survey of the political, social and cultural changes in Britain from 1714 to the present.

Recurring themes will include questions of political and constitutional reform, issues of class and status in British society, the development of the modern industrial economy, the significance of religious and other cultural influences, the formation of a "British" identity, the expansion of a world-wide British empire, and Britain's changing status as a commercial and world power in the 20th and 21st Centuries. Prerequisites: History 101 or 102.

- **History 375** 3 units (crs.)

Traditional Japan (NW) (SS)

Japanese civilization from its origin to 1800. Early native developments, borrowing from China, the rise of the samurai and the development of shogunal governments through the mid-Edo period. Prerequisite: History 101 or History 102.

- **History 376** 3 units (crs.)

Modern Japan (NW) (SS)

Rise of modern Japan against the background of 19th-century developments. The arrival of the West, Meiji restoration, industrialization, the rise of militarism, World War II, the American occupation, and Japan's emergence as a post-industrial economic power. Prerequisite: History 101 or History 102.

- **History 377** 3 units (crs.)

Traditional China (NW) (SS)

Chinese civilization from its origin to 1800. Prerequisite: History 101 or History 102.

- **History 378** 3 units (crs.)

Modern China (NW) (SS)

Chinese civilization from its origin to 1800. Prerequisite: History 101 or History 102.

- **History 381** 3 units (crs.)

Latin America to 1825 (NW) (SS)

Colonial foundations based on fusion of Indian, Spanish, Portuguese, African and French cultures in Latin America; Colonial control by Spain, Portugal, and France; revolts for independence and search for national maturity. Prerequisite: History 101 or History 102.

- **History 382** 3 units (crs.)

Modern Latin America (NW) (SS)

Political evolution of the twenty Latin American states; 19th century revolutions and economic invasions by industrial countries; effects of the world wars. Prerequisite: History 101 or History 102.

- **History 383** 3 units (crs.)

Traditional Middle East, 330-1789 (SS)(NW)

History and institutions of the Middle East from 330 to 1789. The rise and fall of the Byzantine Empire, Muhammad and the emergence of Islam; the establishment of the Turkish and Persian empires. Prerequisite: History 101 or History 102.

- **History 384** 3 units (crs.)

Modern Middle East 1789-1979 (SS)(NW)

The decline and fall of the Turkish and Persian empires, the imperial interests of the Great Powers; the advent of nationalism and Zionism. Prerequisite: History 101 or History 102.

- **History 385** 3 units (crs.)

African American History (ES) (SS)

The Black experience from African origin to the present; the slave experience; African-American culture; the civil rights movement. Prerequisite: History 201 or History 202.

- **History 386** 3 units (crs.)

Women in the United States (SS)

The status, work, role, and leadership activities of white, Native American and African American women in United States history. Exceptional women, and the feminist, suffrage, and liberation movements examined within the perspective of the life and attitudes of the mass of women in the United States. Cross-listed: History 386/Women's Studies 386. Students may receive credit for only one of the two cross-listed courses. Prerequisite: History 201 or 202.

- **History 392** 3 units (crs.)

Social and Intellectual History of United States 1607-1860 (SS)

Thought and culture from Colonial period to the Civil War. Roles of religion, science, the arts, education, and the development of social values and mores in the United States. Prerequisite: History 201.

- **History 393** 3 units (crs.)

Modern United States Cultural and Intellectual History (SS)

American thought and culture since the late nineteenth century; roles of science, religion, the arts, and education in the development of social values and cultural perceptions with particular attention given to the effects of urbanization and industrialization. Prerequisite: History 202.

- **History 394** 3 units (crs.)

American Labor History (SS)

How did working people help build the United States? How have their composition, character, and culture changed over time? This course will consider how history helps us to answer such questions. In answering these questions we will explore such issues as race, ethnicity, and gender as well as the history of labor and political movements. Novels, documents and films will also be utilized to develop a better understanding of the culture of working people and how it has changed from the 1820s to the present. Prerequisite: History 201 or History 202.

- **History 395** 3 units (crs.)

United States Military History (SS)

American military history from Spanish conquest to present, including growth and development of military science and impact of military activity on history of the United States. Prerequisite: History 201 or History 202. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **History 396** 3 units (crs.)

America in the Sixties (SS)

An examination of American culture, politics, and society during the 1960's. President John Kennedy's New Frontier; the war in Vietnam; the civil rights, feminist and antiwar movements; the New Left and counterculture; Pop Art, folk music and acid rock; the rise of conservatism. Prerequisite: History 202.

- **History 397** 3 units (crs.)

American Foreign Relations to 1917 (SS)

The history of American foreign relations from the colonial era until U.S. entry into World War I; examines the cultural, intellectual, political, economic and social forces that influenced the development of American foreign policy before U.S. emergence as a twentieth-century 'superpower.' Prerequisite: History 201 or History 202.

- **History 398** 3 units (crs.)

American Foreign Relations from 1917 to the Present (SS)

The history of American foreign relations from U.S. entry into World War I until the present; examines the cultural, intellectual, political, economic and social forces that influenced the development of American foreign policy during and after U.S. emergence as a international 'superpower.' Prerequisites: History 202.

- **History 399** 1-6 units (crs.)

Internship in History (SS)

An individually arranged internship that enables students to gain practical experience as public historians in a variety of settings. The internship is intended for advanced students with extensive course work relating to History. Students will submit papers based upon their experiences and be evaluated by their supervisors. With consent of the department chair, students may complete more than one internship. Prerequisite: Junior or senior standing with a major in history and two upper-division history classes.

- **History 401** 3 units (crs.)

Historiography and Historical Methods (SS)

An analysis of the conceptual frameworks employed by historians and the methods which historians have used to arrive at conclusions. Nature of history, evolution of the discipline of history, analysis of documents, process of drawing conclusions from evidence, use of different methodologies, and practical experience of writing history. Prerequisite: one 300-level history course.

- **History 411** 3 units (crs.)

American History Seminar (SS)

An in-depth analysis of a given topic in American history. The topic will be announced each time course is offered. Students will be exposed to a variety of different materials including primary sources. A major paper will be required. Prerequisite: Senior status with a major in history.

- **History 412** 3 units (crs.)

European History Seminar (SS)

An in-depth analysis of a given topic in European history. The topic will be announced each time course is offered. Students will be exposed to a variety of different materials including primary sources. A major paper will be required. Prerequisite: Senior status with major in history.

- **History 413** 3 units (crs.)

Non-Western History Seminar (SS)

An in-depth analysis of a given topic in non-Western history. The topic will be announced each time course is offered. Students will be exposed to a variety of different materials including primary sources. A major paper will be required. Prerequisite: Senior status with a major in history.

- **History 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Major in history.

- **History 456** *1-3 units (crs.)*

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **History 474** *1-6 units (crs.)*

Honors: Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

Individually Planned Major

Information

Jane Wypiszynski, Program Coordinator
Office: 212 Student Success Center
Department Telephone: 920-424-1359

Faculty

- Faculty from all disciplines may be involved in the individually planned major.

Degrees

- **Undergraduate:** The Individually Planned Major may lead to the degrees: Bachelor of Arts or Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

- None

Admission/Graduation Requirements

- Students should seek admittance to the program prior to the end of the sophomore year (completion of 60 units (crs.)). Any student with more than 60 credits will not be allowed to participate in this program.
- A specific academic or career goal must be identified that cannot be met by existing University curricula.
- At the time of initial planning of the major the student must have a cumulative grade point of not less than 2.5 and achieved acceptable grades in courses or examinations already taken that are allied with the student's proposed Individually Planned Major.

Required Core Courses

- Since each major is designed specifically for the student, a detailed description of Curriculum is impossible. However, the plan consists of the following: meeting either

Bachelor of Arts or Bachelor of Science degree requirements; a major of at least 34 interdisciplinary units (crs.) designed by the student and approved by the Academic Program Committee and the College Dean as Constituting a major; and a minimum of 35 upper division courses units (crs.) of the 120 required for graduation.

- The student should first meet with the IPM Coordinator in Nursing Education 101 for initial consultation.
- The Individually Planned Major is developed in two steps: the Conference Stage and the Contract Stage.
- At the Conference Stage, the student selects three committee members who are willing to serve on the Academic Program Committee. The Committee will be made up of faculty and/or academic staff in the various areas of study relating to the topic selected by the student; a faculty member from the department associated with the primary topic of the student's IPM will chair the committee. The Committee confers with the student in the process of selecting courses which will be incorporated into the IPM.
- At the Contract Stage, the student submits the written proposal to the Committee. The Committee must approve both the program and the name of the major. Once this is done the student submits the proposal to the Dean.

After the major is approved by the Committee and the Dean, the student is expected to follow the planned course list and any sequence of courses specified by the plan.

The Major(s), with Emphasis and/or Options

- The Individually Planned Major (IPM) allows students with special academic or career goals that are not met by existing majors to plan an interdisciplinary major. Students proposing an IPM may have earned no more than 60 units (crs.), and must have at least a 2.5 cumulative grade point average. The IPM is not to be used to create a major for which the University has no curricular authorization or to duplicate a major available at another state institution. Its design permits the student to take University courses in sequence and combinations not available through existing majors. Students select existing courses with the assistance of an Academic Program Committee made up of faculty/staff with expertise in the specific areas of the planned major. These courses make up a written curricular plan prepared by the student and approved by the committee; the plan is then submitted to the Dean of the College of Letters and Science for approval. Upon approval, this plan becomes a contract that the student must fulfill. When the student graduates, the transcript is marked Bachelor of Art or Bachelor of Science degree, Individually Planned Major: (Title) as determined by the Academic Program Committee.

The Minor(s)

- None

Course Offerings

- None

Interdisciplinary Studies

Information

Letters and Science Dean's Office

Interdisciplinary Studies

Office: N/E 101

Telephone: 920-424-1222

Code 94 or INTRDSCP

Interdisciplinary Studies courses transcend traditional disciplinary lines to approach subjects from multiple perspectives. As multidisciplinary endeavors in content, theoretical perspectives, or goals, these courses do not have a regular disciplinary home and may be taught by faculty from different disciplines or team-taught. Interdisciplinary Studies courses may be offered in a regular classroom setting, in the field, or through other self-paced formats. Other interdisciplinary courses associated with specialized programs are not listed here.

Faculty

- None

Degrees

- **Undergraduate:** None
- **Graduate:** None

Summary of Fields of Study

- None

Admission/Graduation Requirements

- None

Required Core Courses

- None

The Major(s), with Emphasis and/or Options

- The Individually Planned Major (IPM) allows students with special academic or career goals that are not met by existing majors to plan an interdisciplinary major. Students proposing an IPM may have earned no more than 60 units (crs.), and must have at least a 2.5 cumulative grade point average. The IPM is not to be used to create a major for which the University has no curricular authorization or to duplicate a major available at another state institution. Its design permits the student to take University courses in sequence and combinations not available through existing majors. Students select existing courses with the assistance of an Academic Program Committee made up of faculty/staff with expertise in the specific areas of the planned major. These courses make up a written curricular plan prepared by the student and approved by the committee; the plan is then submitted to the Dean of the College of Letters and Science for approval. Upon approval, this plan becomes a contract that the student must fulfill. When the student graduates, the transcript is marked Bachelor of Art or Bachelor of Science degree, Individually Planned Major: (Title) as determined by the Academic Program Committee.

The Minor(s)

- None

Course Offerings

- **Interdisciplinary Studies 100** *2 units (crs.)*
Developmental Reading Skills

Developmental Reading Skills is a basic reading course designed to strengthen the reading skills needed for college level work. Diagnostic evaluation will be followed by group and individual instruction stressing comprehension and vocabulary skills. Students should consult their advisor about the appropriateness of this course for their program. This course does not count toward the 120 units (crs.) necessary for graduation. (3+0)

- **Interdisciplinary Studies 102** *3 units (crs.)*
Community Service-Learning (SS)

Students in this course will link an academic component with a mindful engagement to their community. Through prior arrangement with the respective local agency relevant to the field of study (e.g. homelessness, the effects of incarceration, the position of the elderly in culture and society), a significant portion of course time will be spent in field experience, the challenges and rewards of which students will process in reflective journals and class discussions of assigned readings. Under guidance of interdisciplinary faculty, students will pursue the

completion of this service through a minimum of five meaningful and productive contact hours on site per week. Topics and faculty will vary. Prerequisite: Consent of instructor. Repeatable for credit (maximum 6 credits total).

- **Interdisciplinary Studies 104** *3 units (crs.)*

The Creative Process - Optional Content

Examining the creative processes of various artists, students will study the internal and external factors in the phenomenon called 'creativity.' The course will include lectures on relevant theories and methods of study, but will consist largely of discussions of the assigned readings, informal writing, experimental projects, and class presentations. Faculty and topics may vary. Prerequisite: Consent of instructor.

- **Interdisciplinary Studies 125** *1 unit (cr.)*

Comprehensive Study Skills

Attention is given to the skills necessary for academic success. The student learns techniques to increase effectiveness in the areas of textbook study, lecture notes, time management, memory, test taking, and vocabulary. In addition to class meetings, the instruction involves use of programmed and audio-visual materials and conferences with the instructor. (1+0)

- **Interdisciplinary Studies 145** *2 units (crs.)*

Assessment of Prior Learning

Designed for the adult student who seeks credit for prior learning experiences. This course consists of lecture, small group interaction and instructor-student conferences. Students will study basic problem-solving and decision-making, value clarification, and adult learning processes; a study of philosophies of higher education will lead to development of a rationale for credit for prior learning. They will analyze their life experiences and will develop portfolios which may be submitted for the University of Wisconsin Oshkosh credit.

- **Interdisciplinary Studies 150** *1-6 units (crs.)*

Special Topics

Experimental courses dealing with interdisciplinary topics.

- **Interdisciplinary Studies 169** *1 unit (cr.)*

College Reading Strategies

This course is for students who have mastered basic reading skills and desire growth in the higher level reading demanded for the mastery of college textbooks. Focus will be on comprehending nonfiction, strengthening study reading techniques, improving vocabulary and increasing reading rate in difficult material. Students will meet in class twice weekly and independently work on reading projects. (2+0)

- **Interdisciplinary Studies 200** *3 units (crs.)*

Issues in Science and Religion (HU)

An interdisciplinary, in-depth look at the historically-evolving relationship of science and religion, with special emphasis on such questions as: What is science? What is religion? What is the past and present nature of the complex interface between science and religion? Is a future (re)integration of science and religion possible? desirable? necessary? underway? Students with varied interests, beliefs, and backgrounds relative to science and/or religion are welcome in the course. Prerequisite: At least one prior course in science and/or religion, or consent of instructor(s).

- **Interdisciplinary Studies 205** *3 units (crs.)*

Introduction to Arapaho Studies

This course will focus on the history, culture, arts, social patterns, economics, and contemporary legal and political issues of the Arapaho Indians on the Wind River Indian Reservation. In particular, besides gaining an appreciation for the rich cultural heritage of the Arapaho, students will understand the socio-economic problems facing the Arapaho people today and the enormous legal complexities affecting tribal sovereignty. (3+0)

- **Interdisciplinary Studies 206** *1 units (crs.)*

Professional Career Skills in Fine and Performing Arts

This course is recommended if you are beginning to prepare for professional internships and relevant work experience. Through a process of learning about career planning and implementation, you will gain knowledge of how to effectively search for careers that are personally and professionally satisfying. You will also learn how to effectively interview, conduct an internship/job search, utilize networking contacts, create a successful resume, and do effective company research. Students are only able to obtain credit for one of the following Interdisciplinary courses: 206, 207, 208, or 209. Prerequisites: 45 credits completed. Declared major in one of the following majors: art, music, and theatre (other majors considered with consent of the instructor). Special fees may apply.

- **Interdisciplinary Studies 207** *1 units (crs.)*

Professional Career Skills in Humanities

This course is recommended if you are beginning to prepare for professional internships and relevant work experience. Through a process of learning about career planning and implementation, you will gain knowledge of how to effectively search for careers that are personally and professionally satisfying. You will also learn how to effectively interview, conduct an internship/job search, utilize networking contacts, create a successful resume, and do effective company research. Students are only able to obtain credit for one of the following Interdisciplinary courses: 206, 207, 208, or 209. Prerequisites: 45 credits completed. Declared major in one of the following: Communication, English, foreign language, journalism, philosophy, religious study, (other majors considered with consent of instructor). Special fees may apply.

- **Interdisciplinary Studies 208** *1 units (crs.)*

Professional Career Skills in Math and Natural Science

This course is recommended if you are beginning to prepare for professional internships and relevant work experience. Through a process of learning about career planning and implementation, you will gain knowledge of how to effectively search for careers that are personally and professionally satisfying. You will also learn how to effectively interview, conduct an internship/job search, utilize networking contracts, create a successful resume, do effective company research. Students are only able to obtain credit for one of the following Interdisciplinary courses: 206, 207, 208, or 209. Prerequisites: 45 credits completed. Declared major in one of the following: biology, microbiology, chemistry, computer science, geology, kinesiology, mathematics, medical technology, physics, and astronomy (other majors considered with instructor consent). Special fees may apply.

- **Interdisciplinary Studies 209** *1 units (crs.)*

Professional Career Skills in Social Science

This course is recommended if you are beginning to prepare for professional internships and relevant work experience. Through a process of learning about career planning and implementation, you will gain knowledge of how to effectively search for careers that are personally and professionally satisfying. You will also learn how to effectively interview, conduct an internship/job search, utilize networking contacts, create a successful resume, do effective company research. Students are only able to obtain credit for one of the following Interdisciplinary courses: 206, 207, 208, or 209.

Prerequisites: 45 credits completed. Declared major in one of the following: geography, urban planning, history, military science, political science, psychology, public affairs, social work, sociology (other majors considered with consent of instructor). Special fees may apply.

- **Interdisciplinary Studies 210** *3 units (crs.)*

American Indian Experience (SS) (ES)

Using an interdisciplinary approach, this course will focus on the past and present experience of American Indians. Topics will include: cultural traditions, historical patterns of resistance and response to non-Indian interactions, relations with the U.S. Government and the impact of Federal policies, environmental issues, education, economic development and health and social issues. Myths and stereotypes will also be discussed along with strengths and challenges facing American Indian people today. Specific course topics will change each semester.

- **Interdisciplinary Studies 245** *3 units (crs.)*

Introduction to American Studies: The Shaping of American Identities (HU)

This course examines and interprets social, cultural, economic, natural, and historical forces that have shaped changing definitions and representations of American identities. Taking culture as our organizing principle, we will look at categories such as: art, religion, politics, work and leisure, ethnicity, region, race, technology, gender, geography, sexuality, and class.

- **Interdisciplinary Studies 246** *3 units (crs.)*

Introduction to American Studies: The Shaping of American Identities (SS)

This course examines and interprets social, cultural, economic, natural, and historical forces that have shaped changing definitions and representations of American identities. Taking culture as our organizing principle, we will look at categories such as: art, religion, politics, work and leisure, ethnicity, region, race, technology, gender, geography, sexuality, and class.

- **Interdisciplinary Studies 283** *3 units (crs.)*

Introduction to Language Study (HU)

This introductory course emphasizes the discovery of basic principles and patterns of human language. We will examine multiple language situations from a variety of perspectives (for example; phonetic, structural, historical and sociological). The goal of the course is to develop a method of analysis for exploring the descriptive rules of language on all levels, from the micro (sound-production, word-formation) to the macro (how people use language). The course will provide a diverse range of language examples for students to explore, including spoken conversation, language in the media, literary texts, historical texts, and non-English languages.

- **Interdisciplinary Studies 301** *1-3 units (crs.)*

Workshop for Pre College Teachers

This course will introduce participants to the relationship between science, mathematics, technology, society and literature. It will be taught as a series of independent modules, each intended to reinforce the idea that science literacy is critical to being able to assess current social issues. Incorporation of state and national state science standards into lesson plans for elementary and secondary grades will be stressed. Possible topics will include space and matter, life science (including environmental systems/ecology, genetics, animals, plants and microbiology), chemistry, astronomy, and geoscience. Participants will be expected to share ideas and design lesson plans in addition to meeting more traditional evaluation criteria.

- **Interdisciplinary Studies 312** *3 units (crs.)*

Health Care Politics and Administration

The role of government in health care professions including: health planning implementation; politics of regulation and bureaucracy, the budgetary process; case studies; the politics of national medical care; hospital care for the poor, and the politics of hospital cost containment.

- **Interdisciplinary Studies 315** *3 units (crs.)*

Literature and Psychology

Fiction, Poetry, Drama and Biography in light of modern psychological theories of Freud, Jung and others.

- **Interdisciplinary Studies 350** *1-6 units (crs.)*

Special Topics

Variable content course dealing with issues in disciplines that cut across divisions of the College of Letters and Science (Fine & Performing Arts, Humanities, Math & Science, Social Science).

- **Interdisciplinary Studies 360** *3 units (crs.)*

Cambridge Semester: Variable Content

An interdisciplinary offering that focuses on Britain's history, culture and achievements. Team taught, the course's content will vary from year to year. Students taking the course must be concurrently enrolled in the University's semester in Cambridge Program.

- **Interdisciplinary Studies 366** *1-3 units (crs.)*

Service Learning Independent Study

In this course students will engage in academically relevant service activities in the community under the supervision of an individual at the site and a member of the faculty or academic staff. Students will volunteer for a certain number of hours per week depending upon the number of credits they will receive. Students will also write reflective papers that connect their service experiences with relevant readings and insights from specific academic disciplines. Ideally students will coordinate this course with another course, but this is not required. Additional work is required for graduate credit. Prerequisite: Consent of instructor. Note: The general prerequisites for Independent Study/ Related Readings are waived for this course.

- **Interdisciplinary Studies 367** *1-3 units (crs.)*

Service Learning Independent Study

In this course students will engage in academically relevant service activities in the community under the supervision of an individual at the site and a member of the faculty or academic staff. Students will volunteer for a certain number of hours per week depending upon the number of credits they will receive. Students will also write reflective papers that connect their service experiences with relevant readings and insights from specific academic disciplines. Ideally students will coordinate this course with another course, but this is not required. Additional

work is required for graduate credit. Prerequisite: Consent of instructor. Note: The general prerequisites for Independent Study/ Related Readings are waived for this course.

- **Interdisciplinary Studies 399** *1-6 units (crs.)*

L&S Career Internship

Students will apply academic knowledge and skills acquired in the major to a direct work experience that will help them to develop an understanding of the basic skills or principles required for an entry-level professional position following graduation. The internship experience will also increase the student's confidence/skills in effectively pursuing his/her professional career in the business, health, social services, science, and other areas. Students will work under direct supervision of a professional who will provide evaluations. Prerequisite: Junior or senior standing. GPA and units (crs.) toward a major within the department will be negotiated by the office of Career Services. Pass/fail course. Repeatable for up to a maximum of 6 credits.

- **Interdisciplinary Studies 425** *3 units (crs.)*

Aging: Dimensions and Processes

The processes of aging in a variety of aspects and dimensions, including the physiological, psychological, sociological, spiritual and anthropological. 425/625

- **Interdisciplinary Studies 426** *3 units (crs.)*

Aging: Needs, Services and Issues

Needs of the aging. Issues impinging on the expansion, development and delivery of a variety of services for meeting the needs of the aging. 426/626

- **Interdisciplinary Studies 442** *1-3 units (crs.)*

Cooperative Study

Off-campus, supervised full-time work experience in an approved position with an opportunity to merge actual day-to-day experience with a student's field of study. Prerequisites: Junior standing and approval from the College of Letters and Science internship coordinator in Career Services and the chair of the student's major department.

- **Interdisciplinary Studies 446** *1-3 units (crs.)*

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Interdisciplinary Studies 456** *1-3 units (crs.)*

Related Study

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

International Studies

Information

Kenneth J. Grieb, Program Coordinator
Department Office: Polk Library 57
Department Telephone: 920-424-1291
Kenneth J. Grieb, African Studies Coordinator
Department Office: Polk Library 57
Department Telephone: 920-424-1291
James Frey, Asian Studies Coordinator
Department Office: Clow Faculty 325
Department Telephone: 920-424-2456
Heike Alberts, European Studies Coordinator
Department Office: Halsey Science S312
Department Telephone: 920-424-7109
Druscilla Scribner, Latin American Studies Coordinator
Department Office: Clow Faculty 423
Department Telephone: 920-424-0924
Code 59 or INTRNTL

Faculty

- Alberts, Baltutis, Barnhill, Barricelli, P. Brown, Bryan, Burr, Carlin, Cortes, Dziedzic, Earns, Frey, Gier, Gomez-Torres, Gonzales-Muntaner, Gray, Grieb, Hohbein-Deegen, Jasinski, Kapelusz-Poppi, Kaplan, Lareau, Lishka, Loewenstein, Mouton, Ngaboh-Smart, Palmeri, Pontynen, Rivers, D. Robson, Rutz, Scribner, Siemers, Slagter, Wade-Sirabian, Zaniewski.

Degrees

- **Undergraduate:** A major in International Studies can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** The Department does not offer a graduate program. However, students who complete a major in our Department may wish to consider advanced study at the University of Wisconsin Oshkosh in Business or Public Administration. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers a choice of four topical emphases within the International Studies Major. These are: 1) General International Studies, 2) International Business, 3) International Development, 4) Global and National Security.
 - Within the General International Studies emphasis, students may choose from the following area studies or disciplinary emphases: 1) African Studies, 2) Asian Studies, 3) European Studies, 4) Latin American Studies, 5) Anthropology, 6) Art, 7) Economics, 8) English, 9) French, 10) German, 11) Spanish, 12) Geography, 13) History, 14) Political Science, 15) Religious Studies.
3. **THE MINOR(S)**
 - The Department offers 4 minors: 1) African Studies, 2) Asian Studies, 3) European Studies, 4) Latin American Studies.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the International Studies Major or Area Studies Minor.
- All students majoring in International Studies are required to complete 36 units (crs.) in the major, which include:
 - 1) Required Courses (6 crs.), 2) Emphasis/Specialization (15 crs.), 3) Elective Courses (15 crs.)
- For a complete list of courses that fulfill each emphasis or specialization, please see course lists below:
- Within their emphasis and elective courses, a maximum of 9 credits of introductory classes (100-200 level) may be counted towards the 36 credit requirement.
- Students must include one course from at least four disciplines specified from Course List 2 in their 36 unit (cr.) major.
- **Foreign language requirement** - All International Studies Majors are also required to complete the foreign language requirement for the University's Bachelor of Arts Degree, in addition to the 36 required units (crs.) of International Studies courses. See the University degree requirements for details.
- **NOTE:** Students enrolled in all tracks of the International Studies Major are strongly advised to consult regularly with their advisor during programming each term. Such sessions will enable advisors to assist enrolled majors in making appropriate choices from available courses to assure that they meet all requirements of the International Studies Major.
- Because of the numerous tracks within International Studies and the choices each offers there is no such thing as a "typical program of study." Students enrolled in the International Studies Program may obtain sample programs of study, for each emphasis offered, from the International Studies office or web site (www.uwosh.edu/international),

but consultation with an advisor is essential due to the individual planning involved within the International Studies Major.

Required Core Courses

- **International Studies**
 - International Studies 205 Contemporary International Issues 3 cr.
 - International Studies 402 Senior Seminar in International Studies 3 cr. **OR**
 - International Studies 403 Honors: Senior Seminar in International Studies 3 cr.
- **Comment:**

Two types of courses count for unit (cr.) in the International Studies Major: those with the prefix International Studies, which appear as List 1 and courses offered by departments participating in this program, which appear as List 2. Only courses on Lists 1 and 2 count toward International Studies.

The Major(s), with Emphasis and/or Options

1. INTERNATIONAL STUDIES MAJOR

- **General International Studies Emphasis**

Recommended for students who wish to develop a broad knowledge of international affairs suitable to a wide variety of careers in government, teaching, tourism and service professionals.

 - **Required Units (crs.):** 36 minimum
 - **Required Courses (6 crs.):** 59-205, 59-402 or 59-403
 - **Specialization (15 crs.):**

A 15 credit specialization in a single discipline, a single area of geographic study or a single topic of international relevance. The specialization can be chosen from the lists below, or developed with the assistance of the International Studies Program Coordinator.

Area Studies (courses chosen from Course List 3):

 - African Studies
 - Asian Studies
 - European Studies
 - Latin American Studies

OR

Specialization in a particular discipline - Disciplinary Emphasis (courses chosen from Course List 2):

 - Anthropology
 - Art
 - Economics
 - English
 - French

- German
- Spanish
- Geography
- History
- Political Science
- Religious Studies

OR

A Self-Designed Emphasis - developed in consultation with the International Studies Program.

Elective Courses (15 crs.):

An additional 15 units (crs.) selected from both Course Lists 1 and 2.

Students must include one course from at least four disciplines specified from Course List 2 in their 36 unit (cr.) major.

A maximum of 9 units (crs.) of introductory level courses (100 or 200 level) from participating departments may be counted toward the major.

Comments:

Students may find it advantageous to develop overlapping specializations by combining their chosen emphasis within the International Studies Major with a minor in one of the Area Studies or in a participating discipline. Please see your International Studies advisor for more information.

○ **International Business Emphasis**

Recommended for students who wish to combine study in Business

Administration with an International Studies Major, as preparation for business careers with firms engaged in international and global activities, including multinational corporations.

- **Required Units (crs.):** 36 minimum
- **Required Courses (6 crs.):** 59-205, 59-402 or 59-403
- **Specialization (15 crs.):**

A 15 credit specialization in International Business, to consist of:

- International Studies - 308/309 Revolution and Development
- Business 375 - International Marketing
- Economics 420 - International Finance and Trade
- International Studies 341 - Multinational Corporations
- Political Science 322 - International Political Economy

- **Elective Courses (15 crs.):**

- An additional 15 units (crs.) selected from both Course Lists 1 and 2.
Students must include one course from at least four disciplines specified in Course List 2 in their 36 unit (cr.) major.
- A maximum of 9 units (crs.) of introductory level courses (100 or 200 level) from participating departments may be counted toward the major.
- In addition to the 36 units (crs.) included in their International Studies Major, students enrolled in the International Business Emphasis are required to take at least 12 units (crs.) of Business (including Business 375).

- **Comments:**
Students enrolled in the International Business Emphasis are strongly advised to complete a minor in Business in the College of Business Administration (COBA).

Prerequisites: Many of these courses have prerequisites. Students are responsible for checking the course descriptions for prerequisites. Students are strongly advised to consult regularly with their International Studies advisor to plan the completion of the necessary prerequisites in advance.

Students studying French and Spanish to meet the International Studies foreign language requirement should consider taking Business French (French 308) or Business Spanish (Spanish 308) as an elective within their Foreign Language Major.

- **International Development Emphasis**

Recommended for students who wish to pursue an interdisciplinary approach to development issues, as a preparation for careers with businesses, government agencies, AID contractors, Non-Governmental Organizations and relief organizations involved in developing countries.

- **Required Units (crs.):** 36 minimum
- **Required Courses (6 crs.):** 59-205, 59-402 or 59-403
- **Specialization (15 crs.):**
A 15 credit specialization in International Development, to consist of:
 - Political Science 326 - Politics of Development
 - International Studies 341 - Multinational Corporations
 - Political Science 323 - Comparative Constitutionalism
 - Economics 319 - Economics of Least Developed Countries
 - International Studies 308/309 - Revolution and Development
- **Elective Courses (15 crs.):**
 - An additional 15 units (crs.) selected from both Course Lists 1 and 2.
 - Students must include one course from at least four disciplines specified from Course List 2 in their 36 unit (cr.) major.
 - A maximum of 9 units (crs.) of introductory level courses (100 or 200 level) from participating departments may be counted toward the major.
- **Comments:**
- Prerequisites: Some of the courses above have prerequisites. Students are responsible for checking the course descriptions for prerequisites. Students are strongly advised to consult regularly with their International Studies advisor to plan the completion of the necessary prerequisites in advance.

- **Global and National Security Emphasis**

Recommended for students who wish to pursue careers as analysts or managers in national and homeland security in their respective countries, either with government agencies or in the private security sector.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the core courses for the International Studies Major:
 - International Studies 315 - Perspectives on the Nuclear Age

- International Studies 302 - United States National Security Policy
- Political Science 376 - Studies on War and Peace
- Religious Studies 380 - Terrorism and Religious Violence and EITHER
- History 395 - United States Military History OR:
- Military Science 304 - Military History of World War II
- **Elective Courses (15 crs.):**
 - An additional 15 units (crs.) to be selected from Course Lists 1 and 2 only:
 - Students must include at least one course from each of any of the four disciplines specified in Course List 2 in their 36 unit (cr.) major.
 - A maximum of 9 units (crs.) in introductory level courses (100 or 200 level) from participating departments may be counted toward the major.

The Minor(s)

1. AFRICAN STUDIES

Recommended for students who seek specialized knowledge of Africa to supplement their majors and to enhance their career opportunities.

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - **International Studies:** International Studies 402 or 403
- **Other Requirements:** 20 additional units (crs.) from the courses in the African Studies section of Course List 3. Students must include one course each from any four of the departments specified in the African Studies list.
- **Electives:** Additional courses beyond the minimum requirement may be taken from Course Lists 1 and 2.
- **Comment:**

Courses which satisfy the unit (cr.) requirements of this minor also count toward an International Studies Major, enabling students to combine the two into a package of complementing specializations.

French is the recommended foreign language for this minor.

2. ASIAN STUDIES

Recommended for students who wish to acquire a competence in Asian affairs and culture to supplement their majors and enable careers related to this area.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **International Studies:** International Studies 402 or 403
- **Other Requirements:** 21 additional units (crs.) from the courses in the Asian Studies section of Course List 3. Of these 21 units (crs.): 12 must be upper division units (crs.) from three of the departments specified in the Asian Studies list. Additionally: 15 units (crs.), out of these 21 required units (crs.), must represent courses in general Asian studies, South Asian or East Asian studies.
- **Electives:** Additional courses beyond the minimum requirement may be taken from Course Lists 1 and 2, or from any course on Course List 3, under Asian Studies.

- Students enrolled in the Asian Studies Minor are encouraged to study the Japanese language. Asian Studies Minors may count Japanese 204 as an elective in their Asian Studies Minor.
 - **Comment:**
Courses which satisfy the unit (cr.) requirements of this minor also count toward an International Studies Major, enabling students to combine the two into a package of complementing specializations.
3. **EUROPEAN STUDIES**
- Recommended for students who wish to acquire a specialized knowledge of European affairs and culture to supplement their majors and to prepare for careers related to this area.
- **Required Units (crs.):** 24 minimum
 - **Required Courses:**
 - **International Studies:** International Studies 402 or 403
 - **Other Requirements:** 21 additional units (crs.) from the courses in the European Studies section of Course List 3.
 - **Electives:** Additional courses beyond the minimum requirement may be taken from Course Lists 1 and 2.
 - **Comment:**
Courses which satisfy the unit (cr.) requirements of this minor also count toward an International Studies Major, enabling students to combine the two into a package of complementing specializations.
4. **LATIN AMERICAN STUDIES**
- Recommended for students who wish to acquire a specialized knowledge of Latin American affairs and culture to supplement their majors and to prepare for careers related to this area, or for a teaching license in this field.
- **Required Units (crs.):** 24 minimum
 - **Required Courses:**
 - **International Studies:** International Studies 420 (Seminar in Latin American Studies)
 - **Other Requirements:** 21 additional units (crs.) from the courses in the Latin American Studies section of Course List 3. Students must include at least one course each from any four of the departments specified in the Latin American Studies list.
 - **Electives:** Additional courses beyond the minimum requirement may be taken from Course Lists 1 and 2.
 - **Comment:**
Courses which satisfy the unit (cr.) requirements of this minor also count toward an International Studies Major, enabling students to combine the two into a package of complementing specializations.
Students are strongly advised to include at least two years of Spanish in their studies.

Course Offerings

Two types of courses count for unit (cr.) in the International Studies Major: a) those with the prefix International Studies or 59, which appear as Course List 1; b) courses offered by departments participating in the program, which appear as Course List 2. The (AF), (AS), (EU) and (LA) designators indicate African Studies, Asian Studies, European Studies, and Latin American Studies respectively. Area Studies appear in Course List 3.

- **COURSE LIST 1**

- **International Studies 205** 3 units (crs.)

- Contemporary International Issues**

Interdisciplinary discussion of major current issues using the resources of several departments and outside organizations in team teaching. (Fall)

- **International Studies 206** 3 units (crs.)

- Contemporary International Issues**

Interdisciplinary discussion of major current issues using the resources of several departments and outside organizations in team teaching. (Fall)

- **International Studies 207** 3 units (crs.)

- Contemporary International Issues**

Interdisciplinary discussion of major current issues using the resources of several departments and outside organizations in team teaching. (Fall)

- **International Studies 227** 3 units (crs.)

- Practicum in Diplomatic Practice (SS)**

Study of and practical experience in the techniques of international and global diplomacy, utilizing role playing to provide direct experience. The course will focus on the methods by which international diplomacy is conducted, with particular emphasis on multilateral settings in international organizations. Prerequisite: International Studies 205 and either Geography 102 or Political Science 115 and consent of instructor. Students are allowed to repeat twice and count the course toward the major and toward graduation up to three times. (Fall)

- **International Studies 228** 3 units (crs.)

- Honors: Practicum in Diplomatic Practice (SS)**

Study of and practical experience in the techniques of international and global diplomacy, utilizing role playing to provide direct experience. The course will focus on the methods by which international diplomacy is conducted, with particular emphasis on multilateral settings in international organizations. Prerequisite: International Studies 205 and either Geography 102 or Political Science 115, and consent of instructor. (Fall)

- **International Studies 250** 1-3 units (crs.)

- Special Topics (SS)**

Selected topics in International Studies.

- **International Studies 302** 3 units (crs.)

- United States National Security Policy (SS)**

Military, economic, and political aspects of national security. NATO and other alliances; military aid; arms control; the military-industrial complex; politics of the defense budget.

- **International Studies 308** 3 units (crs.)

- Revolution and Development (AF) (AS) (LA) (SS) (NW)**

Analysis of socio-cultural diversity, economic underdevelopment, and political instability as problems in nation-building. Formulation of strategies to promote national integration and development. Case studies and role playing. Available on an honors contract basis to give credit in the University Honors Program. Prerequisite: International Studies 205 and two courses from

Economics 204, 206, and Political Science 115, and at least 9 units (crs.) of upper division (300 or 400 level) courses from International Studies Course List 2, or consent of instructor. 308/508 (Fall)

- **International Studies 309** 3 units (crs.)

Honors: Revolution and Development (NW)(AF)(AS)(LA)(SS)

Analysis of socio-cultural diversity, economic underdevelopment, and political instability as problems in nation-building. Formulation of strategies to promote national integration and development. Case studies and role playing. Prerequisite: International Studies 205 and two courses from Economics 204, 206, Political Science 115, and at least 9 units (crs.) of upper division (300 or 400 level) courses from International Studies Course List 2, or consent of instructor. (Fall)

- **International Studies 312** 3 units (crs.)

Understanding Japan (AS) (SS) (NW)

An introduction to Japanese culture (emphasizing basic attitudes and values of the Japanese people) and to the problems which arise due to the different cultural backgrounds of citizens of the United States and Japan. Particular emphasis will be placed upon personal interaction in a business setting and business practices.

- **International Studies 315** 3 units (crs.)

Perspectives on the Nuclear Age (SS)

An examination of the decisions by various governments regarding whether to produce nuclear weapons and the purpose of such weapons and other weapons of mass destruction in the context of the global Non-proliferation System, as well as the risks of terrorism involving weapons of mass destruction. Students will study both Nuclear Weapon States and aspirants to that category, as well as the numerous international treaties dealing with nuclear weapons and efforts to prevent their proliferation.

- **International Studies 321** 3 units (crs.)

Central American Culture (LA) (SS)

Contemporary Central American culture with emphasis on political, social, economic, and religious development, popular and personal attitudes, methods of business, leisure activities, and the arts. Regional and individual country approach.

- **International Studies 332** 1-4 units (crs.)

Study Tour (SS)

Study tours, including travel to various regions of the globe, directed and led by faculty members of the International Studies Program, to provide students with direct contact with other cultures and societies. Includes background readings, field lectures, and reporting by the student as specified by the instructor in each case. Information on specific trips, fees, transportation, and trip expenses will be announced each time the course is scheduled.

- **International Studies 333** 1-3 units (crs.)

Study Tour (SS)

Study tours, including travel to various regions of the globe, directed and led by faculty members of the International Studies Program, to provide students with direct contact with other cultures and societies. Includes background readings, field lectures, and reporting by the student as specified by the instructor in each case. Information on specific trips, fees, transportation, and trip expenses will be announced each time the course is scheduled.

- **International Studies 341** 3 units (crs.)

Multinational Corporations in the International System (AF) (SS)

A study of the role of multinational corporations in the modern world economy, their operating methods, and the effect of these corporations on home and host countries. Particular emphasis will be placed on the role of such companies in the development process in the Third World, employing case studies and role playing to provide practical experiences. Prerequisite: Two courses from International Studies 205, Economics 204, 206 and Political Science 115, or permission of instructor. 341/541 (Spring)

- **International Studies 351** 1-3 units (crs.)

Special Topics (SS)

Selected topics in International Studies.

- **International Studies 364** 3 units (crs.)

International Negotiation (SS)

A study of the techniques and procedures of international negotiation, stressing the methods utilized by professional diplomats and international civil servants to seek agreements regarding disputes between nations. Case studies will be employed to illustrate bilateral and multilateral negotiations within the scope of diplomatic practice and procedures. Prerequisite: International Studies 205 and consent of instructor. (This will require several other courses giving credit in International Studies and successful participation in simulation exercises.) Students are allowed to repeat the course up to five times, counting the credits both toward the major and toward graduation.

- **International Studies 396** 1-6 units (crs.)

Internship in International Studies (SS)

An individually arranged internship that enables students to gain practical experience working with government agencies, private groups, organizations, or businesses involved in international affairs or transactions. These experiences are intended for advanced students with extensive course work relating to International Studies. Students will prepare papers based on their experiences as well as being evaluated by their supervisors at the appropriate agency. Consult the coordinator for further information. Prerequisite: International Studies 205 and at least 12 units (crs.) of upper division (300 or 400 level) courses from International Studies Course List 2 or permission of coordinator of International Studies.

- **International Studies 398** 1-3 units (crs.)

Honors: Russian/East European Travel Seminar (EU) (SS)

Analysis of the culture and political, economic, and social institutions of Russia and/or its former republics and Eastern Bloc countries. Course includes two-week study tour to Russia and/or former Soviet Republics and/or Eastern Europe. Prerequisite: Consent of instructor. Graduate standing and consent of Graduate School advisor required for graduate credit. (Spring)

- **International Studies 399** 1-3 units (crs.)

Russian/East European Travel Seminar (EU) (SS)

Analysis of the culture and the political, economic, and social institutions of Russia and/or its former republics and Eastern Bloc countries. Course includes two-week study tour to Russia and/or Eastern Europe. Prerequisite: Consent of instructor. Graduate standing and consent of Graduate School advisor required for graduate credit. 399/599 (Spring)

- **International Studies 402** 3 units (crs.)

Senior Seminar in International Studies (SS)

A capstone International Studies senior seminar intended to be taken as the final step in completion of the major or minor, using the study of selected topics from the field of International Studies. Students are expected to utilize their knowledge of the several disciplines

that comprise the International Studies major, based on the previous courses they have completed within these disciplines. Prerequisite: International Studies 205 and 12 credits of upper division (300 or 400 level) courses from International Studies Course List 2, including courses from at least two disciplines from that list, or permission of the coordinator of International Studies. (Spring)

- **International Studies 403** 3 units (crs.)

Honors: Senior Seminar in International Studies (SS)

A capstone International Studies senior seminar intended to be taken as the final step in completion of the major or minor, using the study of selected topics from the field of International Studies. Students are expected to utilize their knowledge of the several disciplines that comprise the International Studies major, based on the previous courses they have completed within these disciplines. Prerequisites: A student in good standing in the University Honors Program. International Studies 205 and 12 credits of upper division (300 or 400 level) courses from International Studies Course List 2, including courses from at least two disciplines from that list, or permission of the coordinator of International Studies. (Spring)

- **International Studies 420** 3 units (crs.)

Seminar in Latin American Studies (LA) (SS)

Seminar on Latin America, drawing upon the various disciplines of the social sciences, and stressing the role of each field in developing a total picture of Latin America. Prerequisite: Nine units (crs.) of Latin American Studies courses or consent of the instructor. (Spring)

- **International Studies 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **International Studies 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **International Studies 474** 1-6 units (crs.)

Honors Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

- **COURSE LIST 2**

The courses listed below are those offered by departments participating in the International Studies Program, which count for unit (cr.) in the International Studies Major as indicated. The (AF), (AS), (EU), and (LA) designators indicate African Studies, Asian Studies, European Studies, and Latin American Studies respectively.

- **INTERNATIONAL STUDIES**

- International Studies 205/206/207 Contemporary International Issues
- International Studies 227 Practicum in Diplomatic Practice
- International Studies 228 Honors: Practicum in Diplomatic Practice
- International Studies 302 US National Security Policy

- International Studies 308 Revolution and Development (AF)(AS)(LA)
- International Studies 309 Honors: Revolution and Development (AF)(AS)(LA)
- International Studies 312 Understanding Japan (AS)
- International Studies 315 Perspectives on the Nuclear Age
- International Studies 321 Central American Culture (LA)
- International Studies 341 Multinational Corporations in the International System (AF)
- International Studies 364 International Negotiation
- International Studies 402 Senior Seminar in International Studies
- International Studies 403 Honors: Senior Seminar in International Studies
- International Studies 420 Seminar in Latin American Studies (LA)
- **ANTHROPOLOGY**
 - Anthropology 102 Introduction to Anthropology
 - Anthropology 122 World Ethnography
 - Anthropology 232 Cultural Anthropology
 - Anthropology 272 Nature of Languages
 - Anthropology 274 Language in Culture
 - Anthropology 318 Peoples and Cultures of Southern Asia (AS)
 - Anthropology 322 Peoples and Cultures of Africa (AF)
 - Anthropology 326 Peoples and Cultures of Oceania (AS)
 - Anthropology 328 Peasant and Contemporary Cultures of Latin America (LA)
 - Anthropology 330 Culture Change in Modern Africa (AF)
 - Anthropology 332 Magic and Religion (AF)
 - Anthropology 336 Social Organization
 - Anthropology 348 Economy, Nature, and Culture (AF)
 - Anthropology 352 Old World Archaeology (AF)
 - Anthropology 360 Mesoamerican Culture (LA)
 - Anthropology 376 Culture Change
- **ART**
 - Art 109 Art History Survey I
 - Art 310 Art History, Ancient Art (EU)
 - Art 311 Art History, Medieval Art (EU)
 - Art 313 Art History, Italian Renaissance and Mannerist Art, 15th and 16th Centuries (EU)
 - Art 314 Art History, Northern Renaissance Art (EU)
 - Art 315 Art History, European Baroque and Rococo Art, 17th and 18th Centuries (EU)
 - Art 317 Art History, Art of India, China, and Japan (AS)
 - Art 320 Art History, European Art, 19th-Century (EU)
 - Art 321 Art History, Modern (EU)
- **BUSINESS**
 - Business 375 International Marketing
- **COMMUNICATION**
 - Communication 337 Foundations in Communication Studies
 - Communication 427 Rhetorical Criticism
- **ECONOMICS**

- Economics 204 Principles of Macroeconomics
- Economics 206 Principles of Microeconomics
- Economics 309 Marxian Economics (EU)
- Economics 319 Economics of Less Developed Countries (AF)(AS)
- Economics 410 International Capital Markets
- Economics 420 International Trade and Finance (EU)(AF)
- Economics 421 Honors: International Trade and Finance (EU)(AF)
- Economics 427 Economic and Social Development of Great Britain (EU)
- Economics 428 Economics of European Integration and Growth (EU)
- Economics 436 Comparative Economic Systems
- **ENGLISH**
 - English 210 Classical and Medieval Literature (EU)
 - English 225 Modern British Literature (EU)
 - English 227 Modern World Literature
 - English 238 Introduction to the Literature of India (AS)
 - English 239 Introduction to Chinese Literature (AS)
 - English 240 Introduction to Japanese Literature (AS)
 - English 326 Studies in Classical Mythology
 - English 351 Medieval Literature-Optional Content (EU)
 - English 358 Post Colonial Literature: Optional Content (AF)
 - English 365 Modern British Fiction: Optional Content (EU)
 - English 367 African Literature (AF)
- **FOREIGN LANGUAGES**
 - French 315 Survey of French Literature I (EU)
 - French 318 Survey of French Literature II (EU)
 - French 330 French Civilization (EU)
 - French 331 La Civilisation française à travers les arts (EU)
 - French 350 Masterpieces of French Literature in English Translation (EU)
 - French 401 Themes Littéraires (EU)
 - French 403 Le Genre Littéraire (EU)
 - French 405 Le Cinema Francais (EU)
 - French 406 Francophone World and Minority Cultures in France
 - German 308 Introduction to German Literature (EU)
 - German 314 German Phonetics (EU)
 - German 315 Medieval and Early Modern German Literature (EU)
 - German 318 German Literature of the Late 18th and 19th Centuries (EU)
 - German 321 German Literature from the Twentieth Century to the Present (EU)
 - German 323 Multicultural Germany (EU)
 - German 325 German Mass Media and Current Events (EU)
 - German 327 The German Fairy Tale Tradition (EU)
 - German 330 German Civilization (EU)
 - German 350 Masterpieces of German Literature in English Translation (EU)
 - German 438 The German Novelle (EU)
 - German 445 German Prose Works of the 20th-Century (EU)
 - Russian 350 Masterpieces of 19th-Century Russian Literature in English Translation (EU)

- Russian 375 Masterpieces of 20th-Century Russian Literature in English Translation (EU)
- Spanish 315 Medieval and Early Modern Spanish Literature (EU)
- Spanish 318 Spanish Literature: 18th Century to the Present (EU)
- Spanish 320 Latin American Literatures from the Pre-Columbian to Colonial Period (LA)
- Spanish 325 Latin American Literatures from the 19th Century to the Present (LA)
- Spanish 332 Spanish Civilization (EU)
- Spanish 334 Latin American Civilization (LA)
- Spanish 335 Mexican Civilization (LA)
- Spanish 350 Masterpieces of Spanish Literature in English Translation (EU)
- Spanish 362 Special Topics in Spanish Literature: Optional Content (EU)
- Spanish 363 Special Topics in Spanish Civilization: Optional Content (EU)
- Spanish 364 Special Topics in Latin American Literature: Optional Content (LA)
- Spanish 365 Special Topics in Latin American Civilization: Optional Content (LA)
- Spanish 375 Masterpieces of Spanish-American Literature in English Translation (LA)
- Spanish 401 Medieval and Renaissance Literature (EU)
- Spanish 404 Spanish Golden Age Literature (EU)
- Spanish 412 The 20th-Century (EU)
- Spanish 420 Latin American Short Story (LA)
- **GEOGRAPHY**
 - Geography 102 World Regional Geography
 - Geography 111 Human Geography
 - Geography 213 Population Geography
 - Geography 311 Economic Geography
 - Geography 319 Latin America (LA)
 - Geography 321 Political Geography
 - Geography 331 Europe (EU)
 - Geography 338 Russian Realm (EU)
 - Geography 347 Asia-Pacific (AS)
 - Geography 353 Sub-Saharan Africa (AF)
 - Geography 354 Middle East and North Africa (AF)
 - Geography 377 Population and Environment
- **HISTORY**
 - History 101 Early Civilization (EU)
 - History 102 Modern Civilization (EU)
 - History 103 Honors: Modern Civilization (EU)
 - History 302 Ancient Greece (EU)
 - History 303 Roman History (EU)
 - History 304 Early Middle Ages, 300-1050 (EU)
 - History 305 The Later Middle Ages, 1050-1450 (EU)
 - History 306 The Crusades (EU)
 - History 308 Renaissance Europe (EU)

- History 310 Reformation Europe (EU)
- History 312 Special Topics in European History: Optional Content (EU)
- History 313 Special Topics in Non-Western History: Optional Content
- History 316 Romanticism and Revolution in Europe (EU)
- History 318 Modernism and Nationalism in Europe (EU)
- History 319 Europe Since 1914 (EU)
- History 322 European Absolutism (EU)
- History 323 Old Regime, French Revolution and Napoleon, 1763-1815 (EU)
- History 329 Culture and Society in Eighteenth Century France (EU)
- History 330 Imperial Germany (EU)
- History 331 Germany from World War I to Present (EU)
- History 332 Rise and Fall of Third Reich, 1919-1945 (EU)
- History 333 The Holocaust: (EU)
- History 334 Women in Modern European History (EU)
- History 346 Women and Gender Relations in Latin American History (LA)
- History 347 Mexico: from Pre-Hispanic Times to the Twentieth Century (LA)
- History 348 Ancient and Medieval India (AS)
- History 349 Modern India (AS)
- History 350 Modern East Europe (EU)
- History 351 Gender in Indian History (AS)
- History 355 Global Environmental History
- History 359 Africa: 1800-Present (AF)
- History 360 South Africa: 1652-Present (AF)
- History 370 Russia to 1861 (EU)
- History 371 Modern Russia (EU)
- History 372 Medieval Britain to 1485 (EU)
- History 373 Early Modern Britain: 1485-1714 (EU)
- History 374 Modern Britain: 1714-Present (EU)
- History 375 Traditional Japan (AS)
- History 376 Modern Japan (AS)
- History 377 Traditional China (AS)
- History 378 Modern China (AS)
- History 381 Latin America to 1825 (LA)
- History 382 Modern Latin America (LA)
- History 383 Traditional Middle East, 330-1789 (AF)
- History 384 Modern Middle East, 1789-1979 (AF)
- History 395 United States Military History
- History 397 American Foreign Relations to 1917
- History 398 American Foreign Relations from 1917 to the Present
- History 412 European History Seminar (EU)
- History 413 Non-Western History Seminar
- **MILITARY SCIENCE**
 - Military Science 304 Military History of World War II
- **MUSIC**
 - Music 205 Survey of Music History I (EU)
 - Music 207 Survey of Music History II (EU)

- **PHILOSOPHY**

- Philosophy 211 Philosophy in India (AS)
- Philosophy 221 Philosophy in China (AS)
- Philosophy 223 Honors: Philosophy in China (AS)
- Philosophy 301 History of Ancient Western Philosophy (EU)
- Philosophy 305 History of Modern Western Philosophy (EU)

- **POLITICAL SCIENCE**

- Political Science 101 Introduction to Comparative Politics
- Political Science 115 International Politics
- Political Science 301 European Union Politics (EU)
- Political Science 308 International Law
- Political Science 309 Comparative West European Politics (EU)
- Political Science 311 Government and Politics of East Asia (AS)
- Political Science 317 U.S. Foreign Policy (EU)
- Political Science 322 International Political Economy
- Political Science 323 Comparative Constitutionism
- Political Science 326 Politics of Development
- Political Science 336 Comparative East European Politics (EU)
- Political Science 339 Political Economy of Asia (AS)
- Political Science 349 Foundations of Political Theory
- Political Science 352 The Politics of National Security
- Political Science 355 Modern Political Thought
- Political Science 373 Special Topics: Group III
- Political Science 374 Special Topics: Group IV
- Political Science 376 Studies on War and Peace
- Political Science 379 Latin American Government and Politics (LA)
- Political Science 383 Latin America in International Relations (LA)
- Political Science 393 International Organization
- Political Science 395 Global Environmental Politics
- Political Science 410 Comparative Political Analysis

- **RELIGIOUS STUDIES**

- Religious Studies 102 World Religions
- Religious Studies 110 Honors: World Religions
- Religious Studies 203 The Old Testament
- Religious Studies 210 Christianity (EU)
- Religious Studies 221 The Hindu Tradition (AS)
- Religious Studies 222 Buddhism (AS)
- Religious Studies 240 Islam (AS)(AF)
- Religious Studies 335 Chinese Religion (AS)
- Religious Studies 337 Japanese Religion (AS)
- Religious Studies 361 Islamic Resurgence
- Religious Studies 371 Global Fundamentalisms in Contemporary Perspective
- Religious Studies 372 Religious Radicalism and Globalization
- Religious Studies 380 Terrorism and Religious Violence
- Religious Studies 381 Terrorism and Religious Violence: Applications and Issues

- **SOCIOLOGY**

- Sociology 315 Population Problems
- **COURSE LIST 3: AREA STUDIES**

These courses below are listed by area and serve to indicate the courses from lists 1 and 2 giving unit (cr.) in each of the Area Studies Minors included in the International Studies Program. This list can also be used to determine courses counting toward area studies emphases within the International Studies Major.
- **AFRICAN STUDIES**
 - Anthropology 322 Peoples and Culture of Africa
 - Anthropology 330 Culture Change in Modern Africa
 - Anthropology 332 Magic and Religion
 - Anthropology 348 Economy, Nature and Culture
 - Anthropology 352 Old World Archaeology
 - Economics 319 Economics of Less Developed Countries
 - Economics 420 International Trade and Finance
 - Economics 421 Honors: International Trade and Finance
 - English 358 Post Colonial Literature: Optional Content
 - English 367 African Literature
 - Geography 353 Sub-Saharan Africa
 - Geography 354 Middle East and North Africa
 - History 359 Africa: 1800-Present
 - History 360 South Africa: 1652-Present
 - History 383 Traditional Middle East, 330-1789
 - History 384 Modern Middle East, 1789-1979
 - International Studies 308 Revolution and Development
 - International Studies 309 Honors: Revolution and Development
 - International Studies 341 Multinational Corporations in the International System
 - Religious Studies 240 Islam
- **ASIAN STUDIES**
 - Anthropology 318 Peoples and Cultures of Southern Asia
 - Anthropology 326 Peoples and Cultures of Oceania
 - Art 317 Art History, Art of India, China, and Japan
 - Economics 319 Economics of Less Developed Countries
 - English 238 Introduction to the Literature of India
 - English 239 Introduction to Chinese Literature
 - English 240 Introduction to Japanese Literature
 - Japanese 204 Intermediate Reading (Japanese)
 - Geography 347 Asia-Pacific
 - History 348 Ancient and Medieval India
 - History 349 Modern India
 - History 351 Gender in Indian History
 - History 375 Traditional Japan
 - History 376 Modern Japan
 - History 377 Traditional China
 - History 378 Modern China
 - International Studies 308 Revolution and Development
 - International Studies 309 Honors: Revolution and Development

- International Studies 312 Understanding Japan
- Philosophy 211 Philosophy in India
- Philosophy 221 Philosophy in China
- Philosophy 223 Honors: Philosophy in China
- Political Science 311 Government and Politics of East Asia
- Political Science 339 Political Economy of Asia
- Religious Studies 221 The Hindu Tradition
- Religious Studies 222 Buddhism
- Religious Studies 240 Islam
- Religious Studies 335 Chinese Religion
- Religious Studies 337 Japanese Religion
- **EUROPEAN STUDIES**
 - Art 310 Art History, Ancient Art
 - Art 311 Art History, Medieval Art
 - Art 313 Art History, Italian Renaissance and Mannerist Art, 15th and 16th Centuries
 - Art 314 Art History, Northern Renaissance Art
 - Art 315 Art History, European Baroque and Rococo Art, 17th and 18th Centuries
 - Art 320 Art History, European Art, 19th-Century
 - Art 321 Art History, Modern
 - Economics 309 Marxian Economics
 - Economics 420 International Trade and Finance
 - Economics 421 Honors: International Trade and Finance
 - Economics 427 Economic and Social Development of Great Britain
 - Economics 428 Economics of European Integration and Growth
 - English 210 Classical and Medieval Literature
 - English 225 Modern British Literature
 - English 351 Medieval Literature-Optional Content
 - English 365 Modern British Fiction: Optional Content
 - French 315 Survey of French Literature I
 - French 318 Survey of French Literature II
 - French 330 French Civilization
 - French 331 La Civilisation française à travers les arts
 - French 350 Masterpieces of French Literature in English Translation
 - French 401 Themes Littéraires
 - French 403 Le Genre Littéraire
 - French 405 Le Cinéma Français
 - German 308 Introduction to German Literature
 - German 314 German Phonetics
 - German 315 Medieval and Early Modern German Literature
 - German 318 German Literature of the Late 18th and 19th Centuries
 - German 321 German Literature from the Twentieth Century to the Present
 - German 323 Multicultural Germany
 - German 325 German Mass Media and Current Events
 - German 327 The German Fairy Tale Tradition
 - German 330 German Civilization

- German 350 Masterpieces of German Literature in English Translation
- German 438 The German Novelle
- German 445 German Prose Works of the 20th-Century
- Russian 350 Masterpieces of 19th-Century Russian Literature in English Translation
- Russian 375 Masterpieces of 20th-Century Russian Literature in English Translation
- Spanish 315 Medieval and Early Modern Spanish Literatures
- Spanish 318 Spanish Literatures: 18th Century to the Present
- Spanish 332 Spanish Civilization
- Spanish 350 Masterpieces of Spanish Literature in English Translation
- Spanish 362 Special Topics in Spanish Literature: Optional Content
- Spanish 363 Special Topics in Spanish Civilization: Optional Content
- Spanish 401 Medieval and Renaissance Literature
- Spanish 404 Spanish Golden Age Literature
- Spanish 412 The 20th Century
- Geography 331 Europe
- Geography 338 Russian Realm
- History 101 Early Civilization
- History 102 Modern Civilization
- History 103 Honors: Modern Civilization
- History 302 Ancient Greece
- History 303 Roman History
- History 304 Early Middle Ages, 300-1050
- History 305 The Later Middle Ages, 1050-1450
- History 306 The Crusades
- History 308 Renaissance Europe
- History 310 Reformation Europe
- History 312 Special Topics in European History: Optional Content
- History 316 Romanticism and Revolution in Europe
- History 318 Modernism and Nationalism in Europe
- History 319 Europe Since 1914
- History 322 European Absolutism
- History 323 Old Regime, French Revolution and Napoleon, 1763-1815
- History 329 Culture and Society in Eighteenth Century France
- History 330 Imperial Germany
- History 331 Germany from World War I to Present
- History 332 Rise and Fall of Third Reich, 1919-1945
- History 333 The Holocaust
- History 334 Women in Modern European History
- History 350 Modern East Europe
- History 370 Russia to 1861
- History 371 Modern Russia
- History 372 Medieval Britain to 1485
- History 373 Early Modern Britain: 1485-1714
- History 374 Modern Britain: 1714-Present

- History 412 European History Seminar
- International Studies 398 Honors: Russian/East European Travel Seminar
- International Studies 399 Russian/East European Travel Seminar
- Music 205 Survey of Music History I
- Music 207 Survey of Music History II
- Philosophy 301 History of Ancient Western Philosophy
- Philosophy 305 History of Modern Western Philosophy
- Political Science 301 European Union Politics
- Political Science 309 Comparative West European Politics
- Political Science 317 United States Foreign Policy
- Political Science 336 Comparative East European Politics
- Religious Studies 210 Christianity
- **LATIN AMERICAN STUDIES**
 - Anthropology 328 Peasant and Contemporary Cultures of Latin America
 - Anthropology 360 MesoAmerican Culture
 - Spanish 320 Latin America Literatures from the Pre-Columbian to Colonial Period
 - Spanish 325 Latin and American Literatures from the 19th Century to the Present
 - Spanish 334 Latin American Civilization
 - Spanish 335 Mexican Civilization
 - Spanish 364 Special Topics in Latin American Literature: Optional Content
 - Spanish 365 Special Topics in Latin American Civilization: Optional Content
 - Spanish 375 Masterpieces of Spanish American Literature in English Translation
 - Spanish 420 Latin American Short Story
 - Geography 319 Latin America
 - History 346 Women and Gender Relations in Latin American History
 - History 347 Mexico: Pre-Hispanic Times to the Twentieth Century
 - History 381 Latin America to 1825
 - History 382 Modern Latin America
 - International Studies 308 Revolution and Development
 - International Studies 309 Honors: Revolution and Development
 - International Studies 321 Central American Culture
 - International Studies 420 Seminar in Latin American Studies
 - Political Science 379 Latin American Government and Politics
 - Political Science 383 Latin America in International Relations

Journalism Studies

Information

Michael Cowling, Chairperson
Department Office: Sage Hall 3003
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Department Fax: 920-424-7146
Department Website: www.uwosh/journalism
CODE 61 or JOURNAL

Faculty

- Cowling, Filak, Gleason, Hansen, Henderson, J. Lee, S. Lee, Maguire.

Degrees

- **Undergraduate:** A major in Journalism can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of its goal(s).
2. **THE MAJOR(S)**
 - The Department offers a choice of 5 emphases within the Journalism major. These are: 1) Advertising, 2) Media Studies, 3) Public Relations, 4) Visual Journalism, 5) Writing/Editing.
3. **THE MINOR(S)**
 - The Department offers 2 minors: 1) Journalism - Liberal Arts, 2) Journalism - Secondary Education.

Admission/Graduation Requirements

- **ADMISSIONS POLICY**

- Students must meet with a faculty adviser in the Department of Journalism to be signed into most journalism classes. Students must have completed Journalism 141 to be admitted to any 300- or 400-level journalism classes.
- **GRADE POINT AVERAGE REQUIREMENTS**
 - A minimum grade point average of 2.5, based on transcripts from all accredited colleges attended, is required. Students transferring to the University of Wisconsin Oshkosh will be evaluated for grade point average on the same basis as University of Wisconsin Oshkosh continuing students. Students must receive at least a "C" in all prerequisite journalism courses. (This refers to Journalism classes only and does not include courses in other departments to be completed by students majoring or minoring in Journalism).
- **UNIT (CR.) HOUR REQUIREMENTS**
 - Journalism majors must complete 36 units (crs.) worth of journalism classes including required courses described in a later section.
 - Journalism minors must complete 24 units (crs.).
 - Journalism Professional Internship (Journalism 427) does not count toward meeting the 36 unit (cr.) minimum.
- **GENERAL EDUCATION PREREQUISITES**
 - Students should complete WBIS 188 or its equivalent during their freshman or sophomore years.
- **CONTINUING STUDENT STATUS**
 - Majors may take no more than three journalism courses during any term (excluding interim courses). Minors normally take no more than one upper-level journalism course during a term and no more than two journalism courses during any term. Exceptions may be granted by the chair of the department.
- **APPEALS**
 - All appeals may be initiated through the chair of the Department of Journalism.
- **NON-JOURNALISM REQUIREMENTS**
 - The Department of Journalism recognizes the standards of and is accredited by the Accrediting Council for Education in Journalism and Mass Communication (ACEJMC), which specifies that journalism majors must earn 80 units (crs.) in courses outside of journalism and mass communications. Those standards also provide that 65 of those units (crs.) must be in the liberal arts.
 - Students who declare the major will have the accrediting requirement checked on their degree audit (STAR). The accreditation check is a graduation requirement for journalism majors.
 - In applying the standard, the department will maintain flexibility in order to consider each student's program and interests. Among courses that will not be considered to be outside the journalism and mass communication area are:
All courses offered by the Department of Journalism
All courses included in the following lists:
 - **Art**
 - Art 238 Design I 3 cr.
 - Art 239 Design Fundamentals 3 cr.
 - Art 338 Design II 3 cr.
 - Art 438 Design III 3 cr.

- **Communication**

- Communication 231 Radio-Television Announcing 3 cr.
- Communication 234 Writing for the Broadcast Media 3 cr.
- Communication 301 Radio-Television Advertising 3 cr.
- Communication 313 TV Studio Management (2+3) 3 cr.
- Communication 320 Television Workshop (1+4) 1 cr.
- Communication 325 Nonverbal Communication 3 cr.
- Communication 327 Advanced Writing for the Broadcast Media 3 cr.
- Communication 425 Seminar in Radio-TV-Film 1-3 cr.
- Communication 426 Seminar in Radio-TV-Film 1-3 cr.
- Communication 435 Advanced Video Production 3 cr.
- Communication 437 Radio-TV Station Management 3 cr.

- **English**

- English 317 Technical Writing 3 cr.

Courses in other departments that duplicate the content of courses offered by the Department of Journalism.

Courses taken at other colleges or universities, which resemble the offerings above and for which transfer students may receive Journalism units (crs.). Each such course will be assessed by the chair of the Department of Journalism as if the course were offered at the University of Wisconsin Oshkosh.

Courses that will count toward the 65 units (crs.) in the liberal arts may be taken in the following departments: African American Studies, Anthropology, Art History, Biology and Microbiology, Chemistry, Communication, Economics, English, Environmental Studies, Foreign Languages and Literatures, Geography & Urban Planning, Geology, History, International Studies, Mathematics, Music, Philosophy, Physics and Astronomy, Political Science, Psychology, Public Affairs, Religious Studies, Sociology, Theatre, and Women's Studies.

While many courses in Communication are considered liberal arts credits, courses in Radio-TV-Film may not count toward the 65 units (crs.) in the liberal arts. The policy is based on a standard of the Accrediting Council on Education in Journalism and Mass Communication that is designed to ensure the student's journalism degree to be appropriately balanced between liberal education and professional preparation.

Non-journalism internship credits/courses are not considered to be liberal arts credits.

Required Core Courses

Journalism

Journalism 141 Introduction to Journalism and Mass Communication

Journalism 221 Writing for the Media

Journalism 224 Editing

Journalism 412 Law of Mass Communication

(Courses required for the emphases of Advertising, Media Studies, Public Relations, Visual Journalism, and Writing/Editing are listed in Section VI.)

(Required number of journalism electives are listed in Section VI.)

(Non-journalism required courses listed below do not count in the 36 journalism credits.)

All journalism students must take the following:

- **Computer Science:** Computer Science 125 Worldwide Web Site Development
- **History:** History 202 Modern United States History Since 1877 3 cr.
- **Political Science:** Political Science 105 American Government and Politics 3 cr.
- **One course from the following list:**
 - **Business:** Business 204 Financial and Managerial Accounting 3 cr.
 - **Economics:** Economics 204 Principles of Macroeconomics 3 cr. , Economics 206 Principles of Microeconomics 3 cr.
 - **Psychology:** Psychology 203 Elementary Psychological Statistics
 - **Sociology:** Sociology 281 Social Statistics 3 cr.

(Courses completed from the list above cannot be counted to fulfill the requirements of the next section.)

- **Two courses from the following list:**

- **African-American Studies:**
 - 100 Introduction to African American Studies
 - 327 African American Detective Fiction
 - 371 African American Women's Literature
- **Anthropology**
 - 122 World Ethnography
 - 232 Cultural Anthropology
 - 274 Language in Culture
 - 340 Culture and Personality
 - 344 Cross-cultural Perspectives on Gender
 - 350 Cultural Methods
- **Art**
 - 112 Two-Dimensional Design
 - 321 Art History 1900-1945
 - 322 Art History 1945-Present
 - 324 Art History, Popular Culture
- **Business**
 - 198 Introduction to Business
 - 204 Financial and Managerial Accounting
 - 295 Cultural Diversity in the Workplace
 - 374 Market Research
 - 375 International Marketing
 - 377 Consumer Behavior
 - 379 Selling and Sales Management
 - 389 Quantitative Business Analysis
 - 473 Marketing Strategy
- **Communication**
 - 241 History of Cinema
 - 347 Race, Class and Gender in American Film
- **Computer Science**
 - 115 Using Computers

- 125 World Wide Web Site Development
 - 371 Computer Graphics
- **Criminal Justice**
 - 103 Introduction to the Criminal Justice Process
- **Economics**
 - 204 Principles of Macroeconomics
 - 206 Principles of Microeconomics
- **English**
 - 204 Introduction to Creative Writing
 - 316 Advanced Composition: Writing about the Social Sciences
- **Environmental Studies**
 - 101 Seminar on Environmental Issues
 - 260 Environmental Science
 - 261 Environment and Society
 - 282 Environment, Community, and Values
 - 326 American Environmental History
- **Geography**
 - 111 Human Geography
- **History**
 - 393 Modern U.S. Cultural and Intellectual History
- **Philosophy**
 - 215 Philosophy of Art
- **Political Science**
 - 115 International Politics
 - 225 State and Local Government
 - 302 Civil Liberties in the United States
 - 303 Women and Politics
 - 304 Race and Ethnicity in the United States
 - 310 Urban Government
 - 350 Political Behavior
 - 380 Political Parties and Interest Groups
 - 392 Judicial Process in America
- **Psychology**
 - 203 Elementary Psychological Statistics
 - 205 Social Psychology
 - 271 Cross Cultural Psychology
 - 280 Cognitive Psychology
- **Sociology**
 - 151 Modern Social Problems
 - 281 Social Statistics
 - 307 Propaganda and Public Opinion
- **Theatre**
 - 102 Script Analysis
 - 204 Survey of Theatre History
- **Urban Studies**
 - 131 Contemporary Urban Issues

- 320 Housing
- **Women's Studies**
 - 201 Introduction to Women's Studies
 - 303 Women and Politics
 - 307 Discrimination, Gender, and the Economy
 - 316 Gender, Discourse and Power
 - 347 Race, Class and Gender in American Film
 - 350 Women, Race and Class

The Major(s), with Emphasis and/or Options

1. JOURNALISM MAJOR

A. Advertising Emphasis

Recommended for students who have career objectives in advertising and related areas involving market communications.

- **Required Units (crs.):** 36 units (crs.)
- **Required Courses:** In addition to the core courses:
 - **9 units (crs.) from the Distribution Requirement:** Journalism 211, 239, 250, 312, 327, 341. (Only one of the following two courses 327 or 341, can be counted toward the 9 units (crs.). A course taken as a Distribution requirement does not count again as a course toward the 9 units (crs.) in emphases or 6 units (crs.) in electives.)
 - **9 units (crs.) from the Advertising Emphasis:** Journalism 331, 351, 353, 424, 472, 239 or 339.
- **Electives:** 6 units (crs.) from the department's offerings to meet the 36 unit (cr.) requirement of the major.
 - At least 3 of the 6 units (crs.) must be courses from the Advertising electives: Journalism 315, 325, 351, 353, 424, 451, 454, 472.
 - At least 3 of the 6 units (crs.) must be journalism courses outside the Advertising emphasis.
 - Classes already taken from the Distribution and Emphasis Requirements do not count again as electives.
- **Comments:**
 - Professional Journalism Internship (Journalism 427) is strongly recommended, although it does not count toward meeting the 36 unit (cr.) minimum.
 - Participation in the Student Ad Club, Student Photo Club, Public Relations Student Society of America (PRSSA), Society for Professional Journalists (SPJ) and/or the student newspaper, the *Advance-Titan*, is strongly recommended.
 - For students who are enrolled in the University Honors Program, the department offers Honors: Thesis Journalism 474.

B. Media Studies Emphasis

Recommended for students who have career objectives in management and research in journalism and mass media as well as an interest in pursuing graduate programs in mass media and related areas.

- **Required Units (crs.):** 36 units (crs.)
- **Required Courses:** In addition to the Core Courses:
 - **9 units (crs.) from the Distribution Requirement:** Journalism 211, 239, 250, 312, 327, 341. (Only one of the two courses in 327 or 341 can be counted toward the 9 units (crs.). A course taken as a Distribution requirement does not count again as a course toward the 9 units (crs.) in emphases or 6 units (crs.) in electives.)
 - **9 units (crs.) from the Media Studies Emphasis:** Journalism 312, 341, 371, 380, 457, 472.
 - **Electives:** 6 units (crs.) from the department's offerings to meet the 36 unit (cr.) requirement of the major.
 - At least 3 of the 6 units (crs.) must be courses from the Media Studies electives: Journalism 312, 341, 371, 380, 454, 457, 472.
 - At least 3 of the 6 units (crs.) must be journalism courses outside the Media Studies emphasis.
 - Classes already taken from the Distribution and Emphasis Requirements do not count again as electives.
 - **Comments:**
 - Professional Journalism Internship (Journalism 427) is strongly recommended, although it does not count toward meeting the 36 unit (cr.) minimum.
 - Participation in the Student Ad Club, Student Photo Club, Public Relations Student Society of America (PRSSA), Society for Professional Journalists (SPJ) and/or the student newspaper, the *Advance-Titan*, is strongly recommended.
 - For students who are enrolled in the University Honors Program, the department offers Honors: Thesis Journalism 474.

C. Public Relations Emphasis

Recommended for students who have career objectives in public relations and related areas involving internal and external communications, corporate communications, non-profit organizations and governmental organizations.

- **Required Units (crs.):** 36 units (crs.)
- **Required Courses:** In addition to the Core Courses:
 - **9 units (crs.) from the Distribution Requirement:** Journalism 211, 239, 250, 312, 327, 341. (Only one of the two courses in 327 or 341 can be counted toward the 9 units (crs.). A course taken as a Distribution requirement does not count again as a course toward the 9 units (crs.) in emphases or 6 units (crs.) in electives.)
 - **9 units (crs.) from the Public Relations Emphasis:** Journalism 315, 319, 325, 327, 441, 451, 455.

- **Electives:** 6 units (crs.) from the department's offerings to meet the 36 unit (cr.) requirement of the major.
 - At least 3 of the 6 units (crs.) must be courses from the Public Relations electives: Journalism 315, 319, 325, 351, 441, 451, 454, 455.
 - At least 3 of the 6 units (crs.) must be journalism courses outside the Public Relations emphasis.
 - Classes already taken from the Distribution and Emphasis Requirements do not count again as electives.
- **Comments:**
Professional Journalism Internship (Journalism 427) is strongly recommended, although it does not count toward meeting the 36 unit (cr.) minimum.
- Participation in the Student Ad Club, Student Photo Club, Public Relations Student Society of America (PRSSA), Society for Professional Journalists (SPJ) and/or the student newspaper, the *Advance-Titan*, is strongly recommended.
- For students who are enrolled in the University Honors Program, the department offers Honors: Thesis Journalism 474.

D. Visual Journalism Emphasis

Recommended for students who have career objectives of working to be a photographer and visual journalism professional in newspapers, magazines or other mass media.

- **Required Units (crs.):** 36 units (crs.)
- **Required Courses:** In addition to the Core Courses:
 - **9 units (crs.) from the Distribution Requirement:** Journalism 211, 239, 250, 312, 327, 341. (Only one of the two courses in 327 or 341 can be counted toward the 9 units (crs.). A course taken as a Distribution requirement does not count again as a course toward the 9 units (crs.) in emphases or 6 units (crs.) in electives.)
 - **9 units (crs.) from the Visual Journalism Emphasis:** Journalism 239, 325, 331, 339, 351, 451.
 - **Electives:** 6 units (crs.) from the department's offerings to meet the 36 unit (cr.) requirement of the major.
 - At least 3 of the 6 units (crs.) must be courses from the Visual Journalism electives: Journalism 325, 331, 334, 339, 451, 454.
 - At least 3 of the 6 units (crs.) must be journalism courses outside the Visual Journalism emphasis.
 - Classes already taken from the Distribution and Emphasis Requirements do not count again as electives.
 - **Comments:**
Professional Journalism Internship (Journalism 427) is strongly recommended, although it does not count toward meeting the 36 unit (cr.) minimum.
 - Participation in the Student Ad Club, Student Photo Club, Public Relations Student Society of America (PRSSA), Society for Professional Journalists

(SPJ) and/or the student newspaper, the *Advance-Titan*, is strongly recommended.

- For students who are enrolled in the University Honors Program, the department offers Honors: Thesis Journalism 474.

E. Writing/Editing Emphasis

Recommended for students whose primary interest is working with words and seeking a career to be a journalist and content producer for newspapers, magazines, online publishing or other mass media.

- **Required Units (crs.):** 36 units (crs.)
- **Required Courses:** In addition to the Core Courses:
 - **9 units (crs.) from the Distribution Requirement:** Journalism 211, 239, 250, 312, 327, 341. (Only one of the two courses in 327 or 341 can be counted toward the 9 units (crs.). A course taken as a Distribution requirement does not count again as a course toward the 9 units (crs.) in emphases or 6 units (crs.) in electives.)
 - **9 units (crs.) from the Writing/Editing Emphasis:** Journalism 315, 325, 351, 413, 428, 441, 451.
 - **Electives:** 6 units (crs.) from the department's offerings to meet the 36 unit (cr.) requirement of the major.
 - At least 3 of the 6 units (crs.) must be courses from the Writing/Editing electives: Journalism 315, 325, 351, 413, 428, 441, 451, 454.
 - At least 3 of the 6 units (crs.) must be journalism courses outside the Writing/Editing emphasis.
 - Classes already taken from the Distribution and Emphasis Requirements do not count again as electives.
 - **Comments:**

Professional Journalism Internship (Journalism 427) is strongly recommended, although it does not count toward meeting the 36 unit (cr.) minimum.
 - Participation in the Student Ad Club, Student Photo Club, Public Relations Student Society of America (PRSSA), Society for Professional Journalists (SPJ) and/or the student newspaper, the *Advance-Titan*, is strongly recommended.
 - For students who are enrolled in the University Honors Program, the department offers Honors: Thesis Journalism 474.

The Minor(s)

1. JOURNALISM (LIBERAL ARTS) MINOR

Recommended for students who wish to supplement a major in another discipline.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Journalism:** Journalism 141, 221, 224

- **Electives:** 15 units (crs.) from the department's offerings to meet the 24 unit (cr.) minimum requirement of the minor. Journalism 412 Media Law is strongly recommended.
 - **Comment:**
Students minoring in Journalism should consult an advisor to arrange an appropriate program of electives.
2. **JOURNALISM (SECONDARY EDUCATION) MINOR**
Recommended for students who wish to teach Journalism.
- **Required Units (crs.):** 24 minimum
 - **Required Courses:**
 - **Education:** Secondary Education 496
 - **Journalism:** Journalism 141, 221, 224, 250, 327, 371, 412
 - **Electives:** 3 units (crs.) from the department's offerings to meet the 24 unit (cr.) requirement of minor.
 - **Other Requirements:** Education Secondary Education 496, (not counted in 24 unit (cr.) minimum).
- **Comment:**
Requirements for teaching minor are set by the state Department of Public Instruction. Substitutions for any of the listed courses must be cleared by the department chair.

Course Offerings

- **Journalism 141** *3 units (crs.)*

Introduction to Journalism and Mass Communication

Introduction to the process and effects of mass communication, mass media industries, the functions of the mass media in society and issues that mass communicators face in their careers. It also covers specialization in the media, globalization of the media, fragmented audiences and new media and technology.

- **Journalism 211** *3 units (crs.)*

Principles of Public Relations

Survey of the field of public relations, emphasizing theory and reviewing concepts, issues, techniques and practices. Designed to background the potential professional as well as individuals who will deal with the public in other careers such as business, education, government and community agencies. Prerequisite: 45 units (crs.).

- **Journalism 221** *3 units (crs.)*

Writing For The Media

Discussion of and exercises in writing for print, including Web-based media. Course topics include style and structure of news stories, types of stories, evaluations of news and relationships between editorial operations and public relations. Students should have typing proficiency before enrolling. (2+2)

- **Journalism 224** *3 units (crs.)*

Editing

Practice in editing copy for publication, headline writing, correction of copy, photo editing, publication design and make-up. Prerequisite: Journalism 221 with a grade of C or better. (2+2)

- **Journalism 239** 3 units (crs.)

Media Photography I

Study and practice of photography related to journalistic publications and online media. Laboratory work includes use of cameras digital imaging equipment. Prerequisite: 30 units (crs.). with a grade of C or better. (1+4)

- **Journalism 250** 3 units (crs.)

Principles of Advertising

Advertising as a form of mass persuasion. Survey of advertising practices in a multicultural society. Prerequisite: 45 units (crs.). (3+0)

- **Journalism 312** 3 units (crs.)

Media Ethics

Studies of the moral issues and ethical problems that concern mass media practitioners, including those involved in broadcasting, print, public relations and advertising. Cross-listed: Journalism 312/Communication 312. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Cumulative 2.5 GPA and Communication 234 and either 241 or 242.

- **Journalism 315** 3 units (crs.)

Public Relations Techniques

Study of skills and techniques essential to public relations practice. Focuses on solving problems through projects in writing and designing effective communication. Includes strategies and messages for print and electronic media. Prerequisite: Journalism 141, 211, 221 and 224 each with a grade of C or better and 60 units (crs.). (2+2)

- **Journalism 319** 3 units (crs.)

Planning and Management Case Studies in Public Relations

Advanced study of the theory and application of public relations planning and management through the use of case histories. Subject areas may include media relations, employee relations, crisis communication, community relations, public affairs, and international relations. Students will be expected to apply theoretical and ethical dimensions to their analyses. Prerequisites: Journalism 211, with a grade of C or better and 60 credits.

- **Journalism 325** 3 units (crs.)

Magazine Editing and Production

Study of general, specialized, trade and company publications; selection and editing of content and technical procedures. Term project. Prerequisite: Journalism 141, 221, 224, 327 and 331 each with a grade of C or better or consent of instructor. (2+2)

- **Journalism 327** 3 units (crs.)

Reporting

Practice in gathering and writing of news, interviewing news sources, making ethical decisions. Assignments are frequently published in student and community newspapers. Prerequisite: Journalism 141 and 221 each with a grade of C or better and 60 units (crs.). (2+2)

- **Journalism 331** 3 units (crs.)

Visual Media Design

Theory and application of publication and media materials design. Covers introductory design principles and practical computer application of these concepts, addresses planning and production issues. Prerequisite: Journalism 141, 221 and 224 each with a grade of C or better and 60 units (crs.). (2+2)

- **Journalism 334** 1 unit (cr.)

Broadcast News Workshop

Students gain practical experience in media news gathering, working as part of a team to produce news reports and complete newscasts. Stories will be aired on the University of Wisconsin Oshkosh educational access channel, Titan TV. Cross-listed: Journalism 334/Communication 334. Students may receive credit for only one of the two cross-listed courses. Prerequisite: (Journalism 141, 221 and 224, each with a grade of C or better for journalism credits) or (Cumulative GPA 2.5, Communication 151 and 201 or consent of instructor for Radio-TV-Film credits.)

- **Journalism 339** 3 units (crs.)

Media Photography II

Introductory digital color photography for journalistic publications and online media. Picture editing, picture story planning and execution. Emphasis on selection, composition, and content suitable for publication. Prerequisite: Journalism 141, 221 and 239 each with a grade of C or better and 60 units (crs.). (1+4)

- **Journalism 341** 3 units (crs.)

Media and Society

Relationships among the mass media, the individual and society are studied from a social scientific and humanistic vantage. Focuses on the origins, methods, and uses of communications theories, such as media effects and audience interpretation. Also investigates the social processes by which media producers, such as journalists and advertisers/public relations practitioners, decide what is media content and the society and economic forces that influence those decisions. Prerequisite: Journalism 141 with a grade of C or better and 60 units (crs.). (3+0)

- **Journalism 343** 3 units (crs.)

Travel and Documentary Photography

The application of advance photography techniques at non-local sites to make travel and documentary photographs worthy of publication in traditional and emerging media. The use of cultural analysis to better understand the people and places being photographed. Prerequisites: Journalism 141, Journalism 239; or consent of instructor.

- **Journalism 351** 3 units (crs.)

Advertising Copy, Layout and Production

Principles and techniques of copy writing, selection and presentation of creative strategies and sales points, use of computer skills and application of product and market research to specific creative problems in advertising. Preparation of copy, layout planning, and production. Prerequisite: Journalism 141, 221, 224 and 250 each with a grade of C or better and 60 units (crs.). (2+2)

- **Journalism 353** 3 units (crs.)

Advertising Media

Planning, selecting and buying of advertising media in a variety of marketing contexts. The emphasis is on consumer products and services, but other types of advertising are considered as well. Relevant research deals with market segments and media audiences. Prerequisite: Journalism 141, 221, 224 and 250 each with a grade of C or better. (2+2)

- **Journalism 371** 3 units (crs.)

History of Journalism in the United States

Covers the history of journalism and the mass media in the United States, colonial times to the present. Discusses the mass media as a complex social and cultural institution and focuses on the integration of the media into the social, economic, and political systems in the United States and on the effects the press has had on those systems. Prerequisite: Journalism 141 with a grade of C

or better and 60 units (crs.). (3+0) (Fall)

Journalism 380 1-3 units (crs.)

International Press/Comparative Mass Communications Systems

Comparison of national communications systems, with emphasis on newspapers, news magazines. Differing press theories, restraints, limitations, working conditions. Impact of news media on national development. Prerequisite: Journalism 141 with a grade of C or better. (3+0) (Offered irregularly)

- **Journalism 412** 3 units (crs.)

Law of Mass Communication

A study of development and current state of freedom of expression in the United States, with an emphasis on the Wisconsin experience. Covers such topics as libel, invasion of privacy, fair trial-free press, privilege, open records and open meetings, obscenity, and controls on advertising and broadcasting. Emphasis is on First Amendment cases decided by the U.S. Supreme Court. Prerequisite: Journalism 141, 221 and 224 each with a grade of C or better and 85 units (crs.). (3+0)

- **Journalism 413** 3 units (crs.)

Feature Writing

Writing, researching and marketing articles for publication in newspapers and magazines and in online formats with emphasis on developing an effective style of writing. Prerequisite: Journalism 141, 221, 224 and 327 each with a grade of C or better. (2+2)

- **Journalism 424** 3 units (crs.)

Strategic Campaigns in Advertising

Students work as an agency team to develop an advertising plan for a commercial or non-commercial product or service. Assignments include strategic planning, creative advertisements, and formal presentations. Prerequisite: Journalism 141, 221, 224, 250, 351 or 353 each with a grade of C or better or consent of instructor. (2+2)

- **Journalism 427** 3 units (crs.)

Professional Journalism Internship

Professional experience in reporting, editing, photography, advertising, public relations or other areas of journalism acquired at newspapers or other media organizations, industries, advertising or public relations agencies, or other organizations. Prerequisite: Journalism 141 with a grade of C or better, completion of course work appropriate to the internship and consent of internship coordinator. Pass/Fail course.

- **Journalism 428** 3 units (crs.)

Advanced Reporting

Intensive reporting experience with emphasis on covering a particular beat or specialized topic area in formats for print and online publication. Prerequisite: Journalism 141, 221, 224 and 327 each with a grade of C or better. (2+2)

- **Journalism 431** 3 units (crs.)

Reporting of Public Affairs

Instruction and practice in covering university, city, county, local, state and federal agencies and courts. Local, state and national politics in relation to coverage by the media. Prerequisite: Journalism 141, 221 and 327 each with a grade of C or better and consent of instructor. (2+2) (Offered irregularly)

- **Journalism 441** 3 units (crs.)

Interpretive and Persuasive Writings

Types of interpretive writing, including editorials, columns, online commentary, reviews, and explanatory news stories and magazine articles. Prerequisite: Journalism 141, 221 and 327 each with a grade of C or better and consent of instructor. (2+2) (Offered irregularly)

- **Journalism 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: 60 units (crs.), preparation in academic area and 3.0 GPA or above.

- **Journalism 451** 3 units (crs.)

Online Publishing

Study of the Internet as a medium for news, information and commerce; introduction to the mechanics of Web publishing. Writing, editing and image production for online publication. Semester project. Prerequisites: Journalism 141, 221, 224 and one of the following: Journalism 315, 327, 331, 339, 351 each with a grade of C or better. (2+2)

- **Journalism 453** 3 units (crs.)

Journalism Seminar

Recent developments and/or problems in journalism; emphasis on individual student research. Prerequisite: 90 units (crs.). (2+2)

- **Journalism 454** 3 units (crs.)

Selected Topics

The intensive study of a topic to be determined by the department. Information about a Selected Topics course announced in the Timetable can be obtained at the Department of Journalism office. This course may be repeated with different content. (2+2)

- **Journalism 455** 3 units (crs.)

Public Relations Campaigns

This is a case-study approach to solving a public-relations problem through research, planning, implementation, and evaluation. Students work as a team to develop a written plan and creatives. Prerequisite: Journalism 141, 211, 221, 224 and 315 each with a grade of C or better or consent of instructor. (2+2)

- **Journalism 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites and proper contract form requirements.

- **Journalism 457** 3 units (crs.)

Media Organization and Management

An overview of modern mass media management including perspectives on functions, organization, administration, policies, practices and career development. Interaction with media-related organizations such as advertising and public relations companies is also included.

Prerequisite: Journalism 141, 221, 224, each with a grade of C or better and 60 units (crs.). (3+0)

- **Journalism 472** 3 units (crs.)

Research in Strategic Communication

A survey of current research methods in various mass communication fields, including advertising, news and public relations. The course draws heavily on research methods developed in the social sciences, particularly political science, psychology and sociology. Prerequisite: Journalism 141, 221 or 224 each with a grade of C or better or consent of instructor. (2+ 2)

- **Journalism 474** *1-6 units (crs.)*

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study such as, a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

Kinesiology

Information

Dan Schmidt, Chairperson
Department Office: Albee 108
Department Telephone: 920-424-1231
Code 55 or HEALTH , 77 or KINESIOL

Faculty

- Biwer, Calvert, Johnson, Mrotek, Peitersen, Schmidt, Sipes, Stier, Zuberbier

Degrees

- **Undergraduate:** A major in Athletic Training or Kinesiology can lead to the Bachelor of Science Degree.
- **Graduate:** The Department does not currently offer a graduate program in Kinesiology.

Summary of Fields of Study

1. **GOAL(S)**
 - See the Department for a listing of its goal(s).
2. **THE MAJOR(S)**
 - The Department offers two majors. These are: 1) Athletic Training, 2) Kinesiology. Within the Kinesiology major there are three emphases. These are:
 - Exercise and Fitness Emphasis,
 - Healthcare-Science Emphasis,
 - Strength and Conditioning Emphasis.
1. **THE MINOR(S)**
 - None

Admission/Graduation Requirements

Teacher Certification

Those students seeking Wisconsin teacher certification must earn a minimum grade point

average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.

Exercise Science and Health Promotion

Program Admission:

1. A minimum grade of "C" or higher for the following required courses:
 - Psychology 101
 - Sociology 101
 - Biology 105
 - Biology 211
2. A minimum grade of "B" or higher for the following required courses:
 - Kinesiology 105
 - Health 250
3. Admittance portfolio

Admission to program by the Exercise Science and Health Promotion selection committee is based on the admittance portfolio. Those not selected will be allowed to reapply for admission the following semester. Only the accepted students will be allowed to enroll in Exercise Science and Health Promotion courses at the 300 and 400 levels. Students are not guaranteed admission solely by meeting the stated criteria.

Athletic Training Education Program

The Athletic Training Education Program is accredited by CAATE (Commission on Accreditation of Athletic Training Education). It is designed to prepare students for eligibility for the BOC, Inc. (Board of Certification), certification examination, State of Wisconsin Licensure and a career in the athletic training profession. The program has rigorous academic and clinical requirements. In order to complete their clinical experiences, students may find it necessary to commit time on evenings, weekends, and outside of the academic semester. Upon admission to the program, students are required to attend in-services prior to the pre-season period each year. Students should also expect to spend at least two pre-season sessions during August and three January interims as they complete the program. Achieving success in this program requires a substantial time commitment. Students should anticipate very limited time to participate in extracurricular activities and employment. Personal transportation may be necessary to travel to some off-campus clinical sites. Students will also be required to purchase clothing appropriate for the clinical setting.

Program Admission:

Entrance into the Athletic Training Education Program is competitive and selective. A limited number of slots are open each year and the students that best meet the criteria to fill those slots will be selected from the total number of applicants. As a minimum, in order to be accepted into the professional phase of Athletic Training Major, a student must have completed the "pre-professional year," with a 2.75 cumulative GPA. In addition, the student must have completed the following courses for the pre-professional year:

- **Biology and Microbiology:** Biology 211
- **Kinesiology and Health:** Kinesiology 170, 171, 173, 175, 185, 189

Student Selection: (for verification of these requirements, contact the program director).

The Athletic Training Education Program reserves the right to select students deemed most

qualified after one year of pre-professional study. Completing the following steps insures consideration for admission:

- Phase One: First Semester
Any student interested in athletic training should begin in courses Kinesiology 170, 175, 185 and Biology 105 during the fall semester.
- Phase Two: Second Semester
The top 24 students with the highest cumulative GPA for the fall semester, including interim, who have met requirements 1 and 2 will be chosen to continue into the second semester.
 - 1) Full-time student status and/or completed 60 credit hours/2 and/or 4-year degree
 - 2) Individual course grades of "C" or higher in Biology 105, Kinesiology 170, 171, 175, and 185
- Phase Three: Program Admission
The top 12-14 students will be selected into the professional phase (second year) based on the following criteria:
 - 1) Full-time student status and/or completed 60 credit hours/2 and/or 4-year degree
 - 2) Minimum 2.75 overall GPA for pre-professional year and minimum 2.5 cumulative GPA
 - 3) Individual course grades of "C" or higher in Biology 105 and 211, Kinesiology 170, 171, 173, 175, 185 and 189.
 - 4) Interview
 - 5) Portfolio

Clinical Prerequisites:

Note: Completion of these requirements and any information that may be revealed has no bearing on program admissions decisions. Once admitted students must meet the following requirements before beginning the clinical experience portion of the program:

- Tuberculin Skin Test (TB) – current within past twelve months, a two-step test must be completed.
- Varicella (Chicken Pox) – immunity documented once through previous inoculation, titer, or previous illness documented by a physician.
- Measles, Mumps, & Rubella – immunity documented once through previous inoculation (2 shot series) or titer
- Tetanus – immunity documented within past five years.
- Diphtheria/Tetanus/Pertussis (DPT) – completed five shot series.
- Physical Examination – initial physical then yearly physical updates (the same requirements as student athletes), the attending physician must also verify that the student can meet technical standards.
- Health Insurance – initial form then keep updated as changes to policies occur.
- Current CPR for the Professional Rescuer and AED (Automated External Defibrillation) certification – keep updated as needed.
- Technical Standards – students must read and sign the Technical Standards document. The program and the Dean of Student's Office will work with students requiring accommodations when possible.
- Criminal Background Check. Evidence of a previous criminal record may preclude clinical placement and therefore, completion of the program.
- Student Responsibilities Agreement must be read and signed.

- Completion of Kinesiology 283 or 483.

Readmission Criteria:

Students who are not admitted to the program on first attempt may re-enter the pre-professional sequence and reapply to the program. Students who are placed on academic probation must meet with the admissions committee and receive clearance before resuming clinical education experiences.

Retention Criteria:

Students may officially declare the Major in Athletic Training at any time. Only students formally admitted to the professional (beginning, intermediate, and advanced) phases of the Athletic Training Education Program will be allowed to enroll in upper level courses and clinical experiences. Once admitted, the student will be evaluated each semester. As long as satisfactory progress is being made, the student will be permitted to move to the following semester. If progress is unsatisfactory, the student will be placed on probation.

Students on probation will be prohibited from participating in clinical experiences. Satisfactory progress includes:

1. Maintaining a 2.75 GPA in all major coursework.
2. Maintaining a 2.75 cumulative GPA.
3. Achieving a "C" or higher in each major course.
4. Performing satisfactorily in the clinical setting as noted on clinical course syllabi
5. Adhering to all policies and procedures contained in the program handbook.
6. Maintaining up-to-date clinical prerequisite requirements.

Students falling short in areas 5 and 6 will be required to address those deficiencies immediately. Students falling short in one or more of the areas 1-4 as outlined above will have a minimum of one semester and maximum of two semesters to rectify their deficiencies. They must appeal to the admissions committee for reinstatement. Individuals who fail to correct deficiencies within two semesters or are otherwise denied appeal will not be permitted to continue in major coursework and clinical assignments. They will then be counseled on their options.

Note: For more details on any of these requirements, students should make arrangements to visit with the director of athletic training education.

Graduation:

Once students are admitted they are required to:

- Achieve a 2.75 major GPA in all major coursework
- Achieve a "C" or higher in each course in the major.
- Achieve a 2.75 cumulative GPA.
- Complete all University graduation requirements

Required Core Courses

None

The Major(s), with Emphasis and/or Options

1. KINESIOLOGY MAJOR

A. Exercise and Fitness Emphasis

- **Required Units (crs.):** 64 minimum
- **Required Courses:**
 - **Kinesiology:** Kinesiology 121, 122, 170, 171, 173, 201, 280, 331, 349, 350, 351, 352, 361, 368, 370, 405, 407, 425, 447, 480
 - **Biology and Microbiology:** Biology 105, 211, 212

B. Healthcare-Science Emphasis

Recommended for students seeking a rigorous course of study in mathematics and physical science related to Healthcare, particularly if graduate education is desired. The Honors version of any course may be substituted.

- **Required Units (crs.):** 82 minimum
- **Required Courses:**
 - **Kinesiology:** Kinesiology 280, 331, 349, 350, 351, 361, 368
 - **Kinesiology:** Kinesiology 446 or 468 or 474 or Interdisciplinary 367 or 399
 - **Mathematics:** Mathematics 171 (or higher) or (204 and 206)
 - **Psychology 203 or Mathematics 201 or 301**
 - **Chemistry:** Chemistry 105, 106, 235, (303 or 305), 335
 - **Biology and Microbiology:** Biology 105, 112, 211, 212, 230, 323
 - **Twelve Elective credits from the following list:**
 - Kinesiology 170, 171, 173, 201, 352, 370, 371, 405, 407, 425, 443, 447; Physics 107, 108; Biology 306, 308, 316, 319, 340; Psychology 220, 280, 291, 338, 341, 355, 383, 390, 455; Physical Education 373, 374.

C. Strength and Conditioning Emphasis

- **Required Units (crs.):** 65 minimum
- **Required Courses:**
 - **Kinesiology:** Kinesiology 121, 122, 170, 171, 173, 201, 280, 331, 349, 350, 351, 361, 368, 370, 371, 401, 425, 443, 447, 461, 480
 - **Biology and Microbiology:** Biology 105, 211, 212

2. ATHLETIC TRAINING MAJOR

- **Required Units (crs.):** 61 minimum
- **Required Courses:**
 - **Biology and Microbiology:** Biology 105, 211, 212
 - **Kinesiology:** Kinesiology 121, 122, 171, 173, 189, 201, 241, 242, 245, 246, 248, 280, 287, 289, 331, 337, 343, 344, 347, 350, 351, 363, 368, 370, 387, 389, 401, 437, 468, 485, 487, 489.
- **Elective Courses:**
 - **Kinesiology:** Kinesiology 395, 495

The Minor(s)

None

Course Offerings

KINESIOLOGY COURSES

- **Kinesiology 104** *1 unit (cr.)*
AED, CPR, and First Aid (GE)

This course will prepare students to use an Automated External Defibrillator, perform Cardiopulmonary Resuscitation, and First Aid.

- **Kinesiology 121** *1 unit (cr.)*
Orientation to Kinesiology

An introduction to Kinesiology which is an integrated program of study utilizing information from several core science areas. Topics will include: the range of employment opportunities in Kinesiology; roles and responsibilities of Kinesiologists in society; professional ethics.

- **Kinesiology 122** *1 unit (cr.)*
Kinesiology Admissions Seminar

This course consists of activities for students to learn more about the professions related to Kinesiology and to prepare for admission into programs in the Department of Kinesiology. Prerequisite: A grade of "B" or better in Kinesiology 121.

- **Kinesiology 170** *1 unit (cr.)*
Medical Terminology

This course will introduce the prospective athletic training student to terminology utilized in upper level coursework and healthcare settings. Prerequisite: Open to students with a major or minor in the Department of Kinesiology.

- **Kinesiology 171** *2 units (crs.)*
Prevention, Recognition, and Treatment of Athletic Injuries

This course provides an introduction to injury prevention, recognition, and treatment strategies. Injury prevention principles, injury classification, and common injuries will be surveyed. Prerequisite: A grade of "B" or better in Kinesiology 121.

- **Kinesiology 173** *2 units (crs.)*
Applied Anatomy and Kinesiology

This course provides an in-depth study of musculoskeletal anatomy and function as it applies to human performance and injury. Prerequisite: A grade of "B" or better in Kinesiology 170.

- **Kinesiology 180** *1 unit (cr.)*
Basic Rifle Marksmanship (PE)

Positions for target shooting or hunting; aligning sights; trigger squeeze; care; maintenance; courtesy and safe handling of all firearms. Students will fire .22 caliber rifles on ROTC Range. Prerequisite: Due to range capacity and instructor personnel, preference is given to those with little or no previous training or contact with firearms and who are currently enrolled in ROTC. Special course fees may apply.

- **Kinesiology 183** *1 unit (cr.)*
Military Conditioning (PE) An introductory study for men and women of military calisthenics and conditioning designed to develop both individual fitness and the leadership skills and knowledge essential to the management of an effective

organizational physical fitness program. Prerequisite: Enrolled in a Military Science class.

- **Kinesiology 189** 1 unit (cr.)

Athletic Training Directed Observation

This course introduces the prospective athletic training student to some basic injury prevention techniques and practice in the athletic training clinical setting. Prerequisites: Successful completion of Kinesiology 121 and Kinesiology 122 and a "B" or better or concurrent enrollment in Kinesiology 170.

- **Kinesiology 200** 1-3 units (crs.)

Strength and Conditioning Practicum I

This course is designed to facilitate a cooperative learning experience for the second year strength and conditioning student. The practicum I student's responsibilities weigh heavily on exercise technique instruction and correction. The student is also responsible for duties assigned by the site supervisor and/or practicum II student. These duties include general weight room management and maintenance. Prerequisite: Kinesiology 104, Kinesiology 201 and 171.

- **Kinesiology 201** 1 unit (cr.)

Strength Training Techniques

An introductory weight training course designed to present material related to the training and conditioning of athletes as well as general population. This is achieved through in-class demonstration and application of proper weight training techniques consisting of supplemental, complex, core strength and Olympic lifting exercises. Prerequisite: Successful completion of Kinesiology 122. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 215** 2 units (crs.)

Foundations of Human Pathology and Physiology

This course is an introduction to physiology with an emphasis on human cell structure and function. Alteration of cell function and pathology will be included. Prerequisite: Successful completion of Kinesiology 122 and admission to the athletic training education program.

- **Kinesiology 241** 2 units (crs.)

Evaluation & Management of Emergent and Acute Conditions

This course prepares the athletic training student to respond to medical emergencies and acute conditions in physical activity settings. Through successful completion students will become prepared to perform lifesaving procedures at the professional rescuer level, minimize transmission of disease, utilize supplemental oxygen, and automated external defibrillators. Prerequisites: Successful completion of Kinesiology 122. Special course fees may apply.

- **Kinesiology 242** 3 units (crs.)

Evaluation and Management of Injuries to the Lower Extremity

This course provides a review of human anatomy of the lower extremity as it relates to injuries during physical activity and sport. An in-depth study of injuries to the lower extremity including mechanism/etiology, signs, symptoms, treatment, and management will be undertaken. Evaluation procedures will be presented, reviewed, practiced, and evaluated. Prerequisite: Successful completion of Kinesiology 122.

- **Kinesiology 245** 3 units (crs.)

Therapeutic Modalities

The course serves to provide the athletic training student with an understanding of the underlying physics, physiological effects, indications, contradictions, and techniques of application necessary to select and utilize commonly applied therapeutic modalities in the allied health care setting. Laboratory experiences will be included in the course. Prerequisite: Kinesiology 171, 269 and admission to the Athletic Training Education major.

- **Kinesiology 246** 2 units (crs.)

Evaluation & Management of Injuries to the Head, Spine, and Thorax

This course provides a review of human anatomy of the Head, Spine, and Thorax as it relates to injuries during physical activity and sport. An in-depth study of injuries to the Head, Spine, and Thorax including mechanism/etiology, signs, symptoms, treatment, and management will be undertaken. Evaluation procedures will be presented, reviewed, practiced, and evaluated. Prerequisite: Kinesiology 122, Kinesiology 242, and admission to the athletic training program.

- **Kinesiology 248** 2 units (crs.)

Evaluation & Management of Injuries to the Upper Extremity

This course provides a review of human anatomy of the upper extremity as it relates to injuries during physical activity and sport. An in-depth study of injuries to the upper extremity including mechanism/etiology, signs, symptoms, treatment, and management will be undertaken. Evaluation procedures will be presented, reviewed, practiced, and evaluated. Prerequisite: Kinesiology 242, Kinesiology 269, and admission into the athletic training major.

- **Kinesiology 269** 1 unit (cr.)

Medical Documentation and Information Management

This course will prepare the athletic training student to accomplish contemporary documentation procedures in the clinical setting. The student will be prepared to write medical records, compile a patient file, and utilize appropriate technology to facilitate record keeping. Prerequisites: Successful completion of Kinesiology 122, and admission into the athletic training education major.

- **Kinesiology 280** 3 units (crs.)

Biomechanics

Structural and mechanical principles involved in human movement; contribution of these principles to the efficiency of human movement. Prerequisite: Successful completion of Kinesiology 122 and Biology 211. Successful completion or concurrent enrollment in Biology 212. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 287** 1 unit (cr.)

Beginning Clinical in Athletic Training I

This is the first of two clinical experiences for first-year athletic training students. Students will complete competencies, proficiencies, and clinical experiences commensurate with their level in the program under an assigned clinical instructor. Prerequisites: Successful completion of Kinesiology 122; completion of clinical prerequisite requirements.

- **Kinesiology 289** *1 unit (cr.)*
Beginning Clinical in Athletic Training II
 This is the second of two clinical experiences for first-year athletic training students. Students will complete competencies, proficiencies, and clinical experiences commensurate with their level in the program under an assigned clinical instructor. Prerequisites: Successful completion of Kinesiology 287 and completion of clinical prerequisite requirements.
- **Kinesiology 294** *1-12 units (crs.)*
Sophomore Internship in Athletic Training, sports Medicine, and Orthopedics
 This is an optional internship designed to provide the sophomore athletic training student with further exposure to athletic training, sports medicine, and orthopedics. Prerequisites: First year athletic training education program.
- **Kinesiology 331** *2 units (crs.)*
Motor Learning
 This course guides the study of the principles of motor skill performance and learning and the application of these theories to physical activities, learners and various environments. Prerequisite: Psychology 101; successful completion of Kinesiology 122. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.
- **Kinesiology 337** *3 units (crs.)*
Evaluation and Management of General Medical Conditions
 This course focuses on pathology and common disorders of the organ systems. Focus is on etiology, signs, symptoms, evaluation, and treatment of such disorders. Students will be exposed to the appropriate knowledge base needed to perform basic assessments and make non-referral/referral decisions. Screening and determination of fitness for activity will also be considered. Labs in basic assessment and care procedures will be included. Prerequisites: Successful completion of Kinesiology 122; Admission to the athletic training education program.
- **Kinesiology 343** *2 units (crs.)*
Beginning Therapeutic Exercise
 This course serves to provide the athletic training student with an introduction to the theory, science, and clinical skills necessary to design and implement rehabilitative regimens for individuals injured while participating in sport or physical activity. Students will learn to apply therapeutic principles to rehabilitation protocols according to phase of tissue healing/repair and indications/contraindications. Prerequisites: Successful completion of Kinesiology 122 and admission into the athletic training education program.
- **Kinesiology 344** *2 units (crs.)*
Advanced Therapeutic Exercise
 This course serves to provide the athletic training student with additional theory, science, and clinical skills necessary to design and implement rehabilitative regimens for individuals injured while participating in sport or physical activity. Students will learn to apply skills to rehabilitation protocols according to phase of tissue healing/repair and indications/contraindications. Prerequisites: Successful completion of Kinesiology 122, Kinesiology 343, and admission into the athletic training education program.

- **Kinesiology 347** 2 units (crs.)

Professional Preparation in Athletic Training

This course will prepare the athletic training student for transition into professional practice. The student will learn ethical, legal, and professional responsibilities along with methods for preparing as well as how to prepare materials for employment or graduate studies. Prerequisite: Successful completion of Kinesiology 122 and admission into the Athletic Training Education program.

- **Kinesiology 349** 3 units (crs.)

Behavioral Aspects of Kinesiology

This course introduces students to psychological, or behavioral, aspects of sport, exercise, and physical activity. The course will explore factors that affect performance and psychological development in sport, exercise, and physical activity. The course will address psychological factors in Kinesiology as well as psychological development and well-being. Prerequisite: Psychology 101 and successful completion of Kinesiology 122. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 350** 3 units (crs.)

Physiology of Exercise

The study of the body's physiological responses and adaptations to acute and chronic bouts of exercise. Training techniques and enhanced physical performance will be emphasized for Athletic Training and Physical Education (PreK-12 Teacher Preparation Emphasis and Exercise Science and Health Promotion Emphasis) majors. Prerequisites: Successful completion of Kinesiology 122 and Biology 211 and 212. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 351** 3 units (crs.)

Clinical Nutrition & Weight Management

Introduction to the principles of optimal nutrition, supplementation, and weight management as it relates to active and athletic populations. There is additional focus on the needs resulting from special circumstances (i.e. eating disorders, pregnant athletes, etc.). Prerequisites: Biology 212 and successful completion of Kinesiology 122. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 352** 3 units (crs.)

Fitness Assessment Techniques

A study of testing and evaluation procedures that are commonly used in preparing a health/fitness profile for adult participants in an exercise program. Concepts and techniques in utilizing modern fitness testing instruments and equipment will be taught. Students will also learn to prescribe exercise for sedentary and active populations.

Prerequisite: Kinesiology 350.

- **Kinesiology 353** 2 units (crs.)

Clinical Experience in Fitness Assessment

Under the supervision of an experienced teacher, students will be involved in the practical application of fitness testing and exercise principles learned in the classroom. Prerequisite: Open to students with a major or minor in the Department of Kinesiology.

- **Kinesiology 361** 3 units (crs.)

Medical Aspects of Kinesiology

The course will focus on medically related risks and benefits associated with the performance of exercise and physical activity. Chronic disease states, acute disease states, pharmacological issues, special populations, and musculoskeletal injuries will be discussed. Prerequisite: Kinesiology 350.

- **Kinesiology 363** 2 units (crs.)

Addictive, Ergogenic, and Therapeutic Agents

This course introduces students to legal and illegal substances designed to alter body chemistry, enhance performance, and promote healing. Indications, contraindications, and effects will be explored. Prerequisite: Successful completion of Kinesiology 122 and admission to the Athletic Training Education Program.

- **Kinesiology 368** 2 units (crs.)

Research Techniques in Kinesiology

The course prepares students to learn to design, critique, and prepare a research proposal utilizing AMA (American Medical Association) or APA (American Psychological Association) guidelines and present the proposal to peers and faculty. Basic statistical concepts will be reviewed and incorporated into the student's proposal. Prerequisites: Successful completion of Kinesiology 122 and one of the following: Psychology 203, Psychology 341, Sociology 281, Math 201, Math 301, Criminal Justice 281, or Economics 210. Admission to the Kinesiology or Athletic Training Majors or declared Physical Education majors.

- **Kinesiology 370** 3 units (crs.)

Principles of Strength Training and Conditioning

Principles and theory of strength training and conditioning for athletic and sedentary populations will be taught. The course will be based on the principles, concepts, and guidelines for strength and conditioning according to the National Strength and Conditioning Association (NSCA). This course will prepare the student to apply the proper strength training and conditioning exercises for the athletic and sedentary populations based on the goals, indications, contraindications, and physical evaluation of the individual. Prerequisite: Kinesiology 350.

- **Kinesiology 371** 3 units (crs.)

Strength and Conditioning Program Design

The focus of this course is to develop the many principles of strength training and conditioning, with the final outcome being a comprehensive strength and conditioning manual developed by the student over the course of the semester. In doing so, the student will manipulate many training variables learned in previous courses to design a program that will aid in injury prevention and performance enhancement. Prerequisite: Kinesiology 370.

- **Kinesiology 384** 2 units (crs.)

Risk Management, Legal, and Ethical Issues in Athletic Training

This class will introduce athletic training students to risk management, legal, and ethical issues pertinent to delivery of healthcare to physically active populations. Prerequisites: Admission to Athletic Training major.

- **Kinesiology 387** 1 unit (cr.)

Intermediate Clinical In Athletic Training I

This is the first of two clinical experiences for second year Athletic Training students. Students will complete competencies, proficiencies, and clinical experiences

commensurate with their level in the program under an assigned clinical instructor.
Prerequisites: Kinesiology 289 and completion of clinical prerequisite requirements.

- **Kinesiology 388** 1 unit (cr.)

Medical and Spine Clinical in Athletic Training

This clinical experience is the second of three experiences for second year students and is comprised of placements in medical environments where medical and orthopedic issues are emphasized. Prerequisites: Kinesiology 337. Successful completion of Kinesiology 122 and admission to the Athletic Training Education program.

- **Kinesiology 389** 1 unit (cr.)

Intermediate Clinical in Athletic Training II

This is the third of three clinical experiences for second year Athletic Training students. Students will complete competencies, proficiencies, and clinical experiences commensurate with their level in the program under an assigned clinical instructor. Prerequisites: Completion of clinical prerequisite requirements and Kinesiology 387.

- **Kinesiology 395** 1-12 units (crs.)

Junior Internship in Athletic Training, Sports Medicine, & Orthopedics

This is an optional internship designed to provide the junior athletic training student with further exposure to athletic training, sports medicine, and orthopedics.

- **Kinesiology 401** 1 unit (cr.)

Performance Assessment in Kinesiology

This course will prepare students to assess physical/athletic performance parameters critical to success in athletic/activity settings. The focus will be on administering a reliable and valid testing battery, assessing and interpreting performance data, and developing a plan based on the test data. Prerequisite: Kinesiology 370 or concurrent enrollment in Kinesiology 370.

- **Kinesiology 405** 2 units (crs.)

Exercise and Fitness Leadership

This course will emphasize the principles, concepts, and guidelines of adult fitness according to the American College of Sports Medicine (ACSM). Principles of development, progression, and organization of an adult exercise program will be emphasized. Kinesiology 405 is part of a series of courses that will help familiarize the student with the ACSM Certified Health Fitness Specialist. Prerequisite: Kinesiology 201, Kinesiology 350.

- **Kinesiology 407** 3 units (crs.)

Clinical Experience in Exercise and Fitness

The course is designed to provide practical, hands-on experience in activities that promote the development of skills and techniques relating to fitness assessment, program management and supervision, and exercise leadership. On-campus experiences will be the primary assigned activity. (Off-campus/community placements may be arranged if deemed necessary.) Prerequisite: Kinesiology 405.

- **Kinesiology 425** 1 unit (cr.)

Current Topics in Kinesiology

This course is designed to facilitate creative and critical thinking of current issues in the ever-changing field of Kinesiology. Topics will be chosen based on their relevance at the time and will feature guest lecturers both from within and outside the University. Prerequisite: Kinesiology 350.

- **Kinesiology 437** 2 units (crs.)
Psychosocial Issues in Athletic Training
 This course focuses on understanding the psychological factors relative to exercise, injury, inactivity, and rehabilitation following injury. Strategies for identifying problems, intervening, and making referral are presented. Performance issues, psychological disorders, and health/substance abuse concerns will be explored. Some lab experiences in basic counseling skills will be presented. Athletic training students will be required to meet with their assigned clinical instructor outside of class. Prerequisite: Open to students with a major or minor in the Department of Kinesiology.
- **Kinesiology 443** 2 units (crs.)
Exercise Modification and Progression in Strength and Conditioning
 This course is designed to give the student knowledge and experience in exercise modification for many different types of individuals/settings (those with physical limitations, injured clients, advanced athletes, settings with minimal equipment, etc.). Alternative methods of strength and conditioning will be demonstrated. This course will also reinforce and expand on strength and conditioning principles, ideas, and concepts developed in previous courses. Prerequisite: Kinesiology 370 and 361.
- **Kinesiology 446** 1-3 units (crs.)
Independent Study
 See Independent Study under Course and Academic Advisement Policies information for and proper contract form requirements. Prerequisite: Open to students with a major or minor in the Department of Kinesiology only.
- **Kinesiology 447** 2 units (crs.)
Administration and Facilities Management in Kinesiology
 This course is designed to give the student knowledge in several aspects of managing a strength and conditioning facility. Facility design, day-to-day management, and administration of the strength and conditioning facility will be discussed. Topics such as facility planning and design, scheduling, maintenance, legal responsibilities, and budgeting will be introduced. Prerequisite: Kinesiology 370.
- **Kinesiology 456** 1-3 units (crs.)
Related Readings
 See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: Open to students with a major or minor in the Department of Kinesiology only.
- **Kinesiology 461** 1-3 units (crs.)
Clinical Experience in Strength and Conditioning
 This course is designed to provide students with clinical experience in the strength training and conditioning environment. Students will be asked to apply classroom knowledge, skills, and abilities through this clinical experience. Clinical assignments will be coordinated through the Strength and Conditioning program director. Prerequisite: Kinesiology 370, Current valid CPR certification (American Red Cross or American Heart Association), and Criminal background check must be completed prior to clinical placement.
- **Kinesiology 468** 1 unit (cr.)
Senior Thesis in Athletic Training

This course allows the student to carry out the research proposal created in Kinesiology 368. The student will collect and interpret data then prepare a research paper utilizing AMA (American Medical Association) guidelines and present the project to peers and faculty. Basic statistical concepts and appropriate equipment will be incorporated into the student's project. Prerequisite: Kinesiology 368.

- **Kinesiology 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: Open to students with a major or minor in the Department of Kinesiology.

- **Kinesiology 480** 12 units (crs.)

Internship in Kinesiology

The internship provides the opportunity for development and practice at a work site. Theory, principles and techniques, as well as the skills learned in the classroom. Students are placed in selected business, industry and commercial settings as well as selected strength and conditioning sites. Prerequisite: Completion of all other undergraduate requirements. Department consent required.

- **Kinesiology 485** 2 units (crs.)

Administrative Practices in Athletic Training

This course serves to introduce the advanced level athletic training student to administrative practice issues in the profession. Introduction to concepts concerning management, personnel, and budgeting. In depth focus concerning those concepts as they apply specifically to the athletic training setting and the delivery of health care to the physically active. Additional study of record keeping, insurance, emergency care planning, public relations, facility design, and the use of computers. Prerequisite: Junior or senior standing in the Athletic Training Education program.

- **Kinesiology 487** 1 unit (cr.)

Advanced Clinical in Athletic Training

This is the first of two clinical experiences for third year Athletic Training students. Students will complete competencies and proficiencies commensurate with their level in the program as well as clinical experiences under an assigned clinical instructor. Prerequisites: Kinesiology 389 and completion of clinical prerequisite requirements.

- **Kinesiology 489** 1 unit (cr.)

Capstone Clinical in Athletic Training

This is the second of two clinical experiences for the third year Athletic Training students. Students will complete competencies and proficiencies commensurate with their level in the program as well as clinical experiences under an assigned clinical instructor. Prerequisite: Completion of clinical prerequisite requirements and Kinesiology 487.

- **Kinesiology 495** 1-12 units (crs.)

Senior Internship in Athletic Training, Sports Medicine, & Orthopedics

This is an optional internship designed to provide the senior athletic training student with further exposure to athletic training, sports medicine, and orthopedics.

Liberal Studies

Information

Charlie Hill, Director
Center for New Learning
Program Office: Dempsey 111
Program Telephone: 920-424-0234
Code 31 or LIB STDS

Faculty

- BLS teaching staff are selected from diverse areas of the University (the College of Business, College of Letters and Science, College of Education and Human Services, College of Nursing and the Counseling Center). In addition, visiting lecturers are invited to join the BLS teaching staff.

Degrees

- **Undergraduate:** The Center for New Learning offers two degrees.
 - Bachelor of Liberal Studies (BLS) degree program offers a major in Liberal Studies. Within the major the program offers a choice of two emphases: (1) Organizational Administration, and 2) Leadership Development.
 - The Bachelor of Applied Studies (BAS) degree program offers two majors: (1) Leadership and Organizational Studies, and (2) Fire and Emergency Response Management.
- **Graduate:** None

Summary of Fields of Study

LIBERAL STUDIES

Administered by the Center for New Learning, the Liberal Studies Degree Program is designed especially for the working adult. The Bachelor of Liberal Studies degree program offers one major and two emphases. These are:

- A major in Liberal Studies with classes meeting online and in the evenings on the following campuses: UW Oshkosh, UW-Washington County, UW-Waukesha, UW Fox-Valley, and UW-Baraboo/Sauk County.

- An emphasis in Leadership Development with classes meeting online and in the evenings on the following campuses: UW Oshkosh, UW-Washington County, UW-Waukesha, UW-Fox Valley, and UW-Baraboo/Sauk county.
- An emphasis in Organizational Administration with classes meeting online and in the evenings on the following campuses: UW Oshkosh, UW Fox-Valley, UW-Fond du Lac, UW-Manitowoc, and UW-Sheboygan.

Bachelor of Liberal Studies Degree

Students may complete course work leading to the Bachelor of Liberal Studies degree with a major in Liberal Studies. In addition to the major, students may also receive an emphasis in Organizational Administration or Leadership Development.

The BLS Degree includes three components: (1) the General Education required course work, (2) course work to satisfy the Liberal Studies major and emphasis coursework, and (3) elective courses to meet minimum graduation requirements.

Transfer of general education course work: The Bachelor of Liberal Studies Program recognizes the Associate of Arts and Science degree from University of Wisconsin System institutions as having satisfied most of the program's General Education requirements. Associate degrees from other colleges and universities are evaluated on a course-by-course basis in accordance with UW Oshkosh transfer credit policies.

- **The Major(s)**
 - The Liberal Studies major consists of interdisciplinary theme and contemporary issue courses, research seminars and a final capstone seminar, all of which emphasize verbal and written communication skills, problem-solving, and critical analysis. See Section V and VI for required course work.
 - The Organizational Administration emphasis consists of cross-disciplinary studies in communications, organizational administration and management, industrial and organizational psychology, quantitative reasoning, business ethics and applied research. See Section V and VI for required course work.
 - The Leadership Development emphasis consists of an interdisciplinary course of study in contemporary issues, along with additional experiences in leadership skills, conflict resolution, and public administration applicable in career and community settings.
 - Electives: Students are required to take elective credits to meet the 120-credit minimum for the Bachelor of Liberal Studies degree.
- **The Minor(s)**
 - None offered. The BLS degree program does not require completion of a minor. Students may elect to minor in an area of interest outside of the BLS degree program (e.g., Business, English, Environmental Studies, Psychology, etc.). Availability of course work for completion of a minor outside of the BLS degree program is dependent upon departmental offerings for the minor selected.

Admission/Graduation Requirements

BLS Degree

Admission to the BLS degree program is governed by the general admission policies of the University as stipulated in this Undergraduate Bulletin. Applicants to the BLS program must have successfully completed a high school diploma or Graduation Equivalency Diploma (GED/HSED) and, in the case of reentry and transfer students, must enjoy good academic standing with a minimum of a 2.0 cumulative grade point average for all prior collegiate work.

- **Graduation requirements:**
 - The BLS Degree requires the completion of a minimum of 120 earned semester credits, including required general education course work, the required courses for the Liberal Studies major, the Organizational Administration or Leadership Development emphases, and a sufficient number of elective credits to meet the 120 credit requirement.
- **General Baccalaureate Degree requirements:**
 - At least 30 credits of the 120 semester credits applied to the degree must be earned in UW Oshkosh courses.
 - At least 15 of the final 30 semester credits applied to the degree must be earned in UW Oshkosh courses.
 - A minimum of 35 of the 120 semester credits must be earned in upper-level courses (courses recognized and numbered at the 300 and 400 level).
 - The BLS degree requires a minimum grade point average of 2.00 (on a 4.00 scale) in the following categories:
 - Official grade point average
 - All upper-level credits attempted
 - All credits in the major

Required Core Courses

See Majors section

The Major(s), with Emphasis and/or Options

1. LIBERAL STUDIES MAJOR

- **Required Units (crs.):** 33 minimum
- **Required Courses:**
 - Liberal Studies 208 Ecology of Occupation 3 crs.
 - Liberal Studies 209 Introduction to Liberal Studies 3 crs.
 - Liberal Studies 301 Contemporary Global Issues & Problems OR Liberal Studies 305 Religious and Ethical Values in American Society 3 crs.
 - Liberal Studies 309 Development of Scientific Ideas 3 crs.
 - Liberal Studies 410 Capstone Course 3 crs.
 - Liberal Studies 411 Senior Research Seminar 3 crs.
 - Liberal Studies 412 Senior Research Project 3 crs.

- Communication 303 Advanced Public Speaking OR Communication 304 Business and Professional Speaking 3 crs.
- **Electives:** 9 Units (crs.) from the following list:
 - Liberal Studies 230 Introduction to Leadership 3 crs.
 - Liberal Studies 302 The Web of the Future: Workplace and Communication Trends 3 crs.
 - Liberal Studies 306 Popular Culture in the Mass Media 3 crs.
 - Liberal Studies 307 Encountering the Arts 3 crs.
 - Liberal Studies 310 Laboratory Experiences in Science 3 crs.
 - Liberal Studies 311 Environmental Issues 3 crs.
 - Liberal Studies 320 Gendered Lives 3 crs.
 - Liberal Studies 335 Transformative Leadership 3 crs.
 - Liberal Studies 337 Conflict Resolution 3 crs.
 - Liberal Studies 338 Mentoring and Development 3 crs.

A. Organizational Administration Emphasis

- **Required Units (crs.):** 57 minimum
- **Required Courses:**

General Pre-Core Requirements:

- **Communication:** Communication 111, or 214 and 215
- **Economics:** Any Economics course
- **English:** English 309 or Liberal Studies 300, and Liberal Studies 270
- **Humanities:** Liberal Studies 200
- **Philosophy:** Philosophy 330 or Liberal Studies 318
- **Psychology:** Psychology 101
- **One of the following:** Liberal Studies 302 or Business 210 or Computer Science 115

Core Requirements:

- **Communication:** Communication 304 or Liberal Studies 319, and Communication 443
- **Ethnic Studies:** Liberal Studies 303 or Communication 318
- **Liberal Studies:** Liberal Studies 315, 325, 405, 425, 463, 466
- **Psychology:** Psychology 363

B. Leadership Development Emphasis

- **Required Units (crs.):** 48 Units (crs.)
- **Required Courses:**

Liberal Studies:

- Liberal Studies 208 3 crs.
- Liberal Studies 209 3 crs.
- Liberal Studies 301 or 305 3 crs.
- Liberal Studies 309 3 crs.
- Liberal Studies 410 3 crs.
- Liberal Studies 411 3 crs.
- Liberal Studies 412 3 crs.
- Communication 303 or 304 3 crs.

Other Requirements:

- **Liberal Studies:** Liberal Studies 230, 335, 336, 337, 338

- **Communication:** Communication 380, 436
- **Public Administration:** Public Administration 364

The Minor(s)

None

Course Offerings

- **Liberal Studies 101** *3 units (crs.)*
Adult Development in Contemporary Writings
Presents the foundations of human behavior and the opportunity for each student to discover and understand his or her own learning and behavior styles. The student then applies these learning characteristics to the concepts of adult development.
- **Liberal Studies 102** *3 units (crs.)*
The Family in Contemporary Society
Acquaints students with research and data on the family so that they can recognize some of their biases, re-examine common generalizations, and develop a knowledge base for making choices and decisions about their own life styles. Conflict resolution and decision-making tools are presented so the student can apply them in personal and vocational settings.
- **Liberal Studies 104** *3 units (crs.)*
Human Speech Communication
Designed to help each student develop verbal communication skills, learn to respond directly and appropriately in job and class situations, deliver planned and organized presentations, and gain confidence in speech communications situations. The student identifies and remedies his or her own areas of communications weaknesses.
- **Liberal Studies 105** *3 units (crs.)*
Development of the American Character (SS)
Identifies the origins and development of the basic national character traits of the American people. Students analyze these traits' influence upon succeeding generations, the impact upon today's society, and the influence upon the student as an individual.
- **Liberal Studies 106** *3 units (crs.)*
Deviance and Delinquency in Contemporary Society
Examines deviance and its changing definitions; provides students with a better understanding of the social order and behavior society considers 'normal.' Analyzes the way deviant patterns and life styles are developed and organized. Students will research how society and its agencies have traditionally responded to and attempted to control 'deviancy.'
- **Liberal Studies 107** *3 units (crs.)*
Development of the American Political Process (SS)
Uses national traits identified in Liberal Studies 105 to analyze the development, growth and maturity of America's political processes. Continuity and change in the political process will be examined in light of the contributions of the nation's outstanding leaders.

Students identify future trends evolving from the past and evaluate the trends' significance upon American democracy.

- **Liberal Studies 108** 3 units (crs.)

America's Role in World Politics (SS)

Explores the foreign policy of the United States since World War II. Investigates the goals the United States has sought, the values and ideals these goals have reflected, and the means used to realize foreign policy goals and ideals. The element of change and continuity from past to present will be traced, offering students an opportunity to analyze America's contemporary role in international affairs in light of past successes and failures.

- **Liberal Studies 150** 1 unit (cr.)

Child in History

Surveys selected aspects of child rearing practices from the ancients to the 20th century and focuses on how parental attitudes have changed through the centuries. Self-paced elective.

- **Liberal Studies 151** 1 unit (cr.)

Evolution of Adolescence

Examines the rise, growth and decline of the concept 'adolescence' in its historical setting. Self-paced elective.

- **Liberal Studies 152** 2 units (crs.)

Psychohistorical Biography

Surveys selected psychological aspects of three men - Woodrow Wilson, Adolf Hitler, and Richard Nixon - who have made significant contributions to history. Self-paced elective.

- **Liberal Studies 200** 3 units (crs.)

Humanities: Culture & Values (HU)

Introduces students to various important art forms and begins the interesting process of developing a workable definition of the humanities, especially through disciplines of philosophy, literature, music and art. Students see how the humanities are related to important social issues and to their own individual concerns.

- **Liberal Studies 201** 3 units (crs.)

The Humanities: The Return to Romanticism (HU)

Focuses on the strong reemergence of the romantic attitude in the 1960s and 1970s. After a grounding in the historical and philosophical implications of romanticism, students study artistic manifestations of this attitude, especially in the novel, short story, poetry, and architecture.

- **Liberal Studies 202** 3 units (crs.)

The Humanities Confront Violence and Aggression (HU)

Explores various forms of violence, including war, and considers the reaction of creative talent in the humanities to the problem of violence in American society. The course gives particular attention to two forms of mass media that have shown a preoccupation with violence, the motion picture and the novel, for an in-depth humanistic approach to this important social issue.

- **Liberal Studies 203** 3 units (crs.)

The Humanities Meet Science and Technology (HU)

Explores the historical and philosophical roots of mankind's hopes and fears concerning

science and technology. Students see how such hopes and fears have been reflected in various art forms, especially drama and literature.

- **Liberal Studies 204** 3 units (crs.)

Science: Its Methods and Language

Introduces students to the scientific method, the role of mathematics (modeling and tools), the formulation of scientific laws, the process of revision of and/or revolution in scientific knowledge, and its growth and effect on human society.

- **Liberal Studies 205** 3 units (crs.)

Energy, Matter and the Universe

Addresses the elementary concepts of the basic physical forces in nature (mechanical forces, electromagnetic forces, special properties of light, etc.), as well as the relationship between energy and matter, the nature of matter, the nature of the atom, the structure of the universe, the birth and death of stars, the solar system and its planets, and extraterrestrial living matter.

- **Liberal Studies 206** 3 units (crs.)

From Atoms and Molecules to Living Matter

Concentrates on the elementary concepts of the chemistry of matter, the evolution of matter, the properties of living matter and its evolution from nonliving matter, the cell, and the replication of life. It also deals with the response of living matter to the evolution of the environment brought about by geological changes of the planet.

- **Liberal Studies 207** 3 units (crs.)

Evolution: Becoming and Being Human

Deals with the evolution of vertebrates, culminating on human evolution, first as a continuation of the biological and then the coming of cultural Evolution; the latter leading to the tremendous success of the species, but bringing in its wake all the problems of over-population, pollution, genetic tampering, war, and perhaps even the possibility of extinction of life.

- **Liberal Studies 208** 3 units (crs.)

The Ecology of Occupation

Examines the relationships between occupation (both work and discretionary) and values, identity and health/wellness in contemporary society. Focuses on the complex variables (economic, psychological, sociological, genetic) which affect occupational choice, and hence our freedom (or lack thereof) to engage in meaningful, rewarding occupation.

- **Liberal Studies 209** 3 units (crs.)

Introduction to Liberal Studies

Introduces the concepts related to self-directed, life-long learning with a focus on various types of thinking and writing skills through exposure to a broad range of academic subjects. Students will be introduced to the principles and processes involved in developing a learning portfolio, which will be required in their Capstone course.

- **Liberal Studies 221** 3 units (crs.)

American and European Drama in Contemporary Society

Focuses on the major movements in modern and contemporary drama such as realism, existentialism, and absurdism. Playwrights studied include Henrik Ibsen, Albert Camus, Eugene Ionesco, Tennessee Williams, Arthur Miller, and Edward Albee.

- **Liberal Studies 230** 3 units (crs.)

Introduction to Leadership

This course will introduce students to a variety of theories and issues involved with leadership, including power and influence; vision, values and ethics; effecting change through teams and coalition; and the importance of embracing diversity. Examples will be drawn from a broad range of contexts, including organizations, education, politics, and communities.

- **Liberal Studies 270** 3 units (crs.)

Writing with Purpose

This course offers intensive instruction in (1) writing clear, coherent, correct, persuasive prose, (2) reading and thinking critically, and (3) conducting library research and/or interviews and integrating primary and secondary sources into your own texts. The focus will be on writing clearly and purposefully, developing individuals' writing skills necessary for academic and professional success. Taught exclusively on-line, learners will be engaged in reading analyzing, researching, thinking, writing, and re-writing to learn that everything written holds power to persuade, inform, or confuse by writing memos, reports, and essays.

- **Liberal Studies 300** 3 units (crs.)

Research and Report Writing in the Social Sciences

The student gathers and analyzes data and puts the data into a readable narrative, thus strengthening skills essential to the world of business. A family history or portrait is the vehicle for furthering the skills of research, analysis and writing. This vehicle is examined in terms of cultural, economic, political and religious environments. Among other items, it also includes social patterns and mores, migration, genealogy and ethnicity.

- **Liberal Studies 301** 3 units (crs.)

Contemporary Global Issues and Problems

This course explores the ethical and religious dimensions of several global challenges in contemporary international society: (1) the expanding role of religion as a motivation for violence as well as a force for justice and peace; (2) the increasing deterioration of the global environment; (3) international efforts to protect human rights in countries where there is systematic oppression or genocide; and (4) the chronic gap in wealth between rich and poor nations.

- **Liberal Studies 302** 3 units (crs.)

The Web of the Future: Workplace Communication and Trends

Examines the history, operation, economics, and applications of computer technology and its significance in contemporary life. Consideration is given to a careful description of present technology and what some of the main decisions are that must be made if humanity is to utilize and control this technology.

- **Liberal Studies 303** 3 units (crs.)

Ethnicity and Demography in Wisconsin (ES) (SS)

Examines the historical influence of varied ethnic settlements, cultural diversity, changing economic foundations, and population shifts upon the government and politics of Wisconsin with particular reference to the Fox Valley. Elective.

- **Liberal Studies 304** 3 units (crs.)

Research and Report Writing in the Humanities

Enables the student to develop increased skills in using library resources for exploring a specific topic in the humanities, in taking notes on the data, and in evaluating such data.

Students are expected to refine writing skills, and present the results of their research in a substantial paper written in a form suitable for publication.

- **Liberal Studies 305** 3 units (crs.)

Religious and Ethical Values in American Society

This course examines the role of religion in American public life historically and in recent times. It provides a perspective on the meaning of the separation of church and state as understood by the Founding Fathers, as interpreted by Supreme Court over time, and in current political debates. The course also analyzes a variety of ethical and religious perspectives that underlie contemporary cultural conflicts over the proper direction of some of our most important social institutions-the family, schools, and the legal system. Finally the course explores the moral and religious arguments surrounding four critical issues-abortion, euthanasia, capital punishment, and affirmative action-and what public policies should result from these positions.

- **Liberal Studies 306** 3 units (crs.)

Popular Culture in Mass Media

This course will examine key issues related to popular culture and its representation in different media. In an attempt to focus and organize our consideration of this rather nebulous phenomenon, we will approach the course theme in three ways. First, we will discuss some narratives about popular culture. Second, we will then study the role of narrative in popular culture (and its importance in how we make sense of the world in general). Third, we will explore a couple of the most prevalent "pop culture" genres such as a gangster film, a mystery novel and others.

- **Liberal Studies 307** 3 units (crs.)

Encountering the Arts

An interdisciplinary study of the arts in which relationships are drawn among music, visual arts, literature and drama. Students gain insights into the various artistic expressions of human feeling--their distinctive relationships and individual qualities. Significant cultural patterns that have influenced the arts in the Western and non-Western world are explored. Elective.

- **Liberal Studies 309** 3 units (crs.)

Development of Scientific Ideas

Encourages analysis and understanding of the ideas that have effected scientific developments over the last two thousand years. Examines the growing ability of scientists to understand the phenomenon of nature; specifically, it peruses seminal ideas in astronomy, biology, physics and other sciences. Addresses broad scientific ideas and notes their practical significance for man.

- **Liberal Studies 310** 3 units (crs.)

Laboratory Experiences in Science

Provides students with the opportunity to perform interdisciplinary, independent experiments in the physical sciences. Purposes of such activity will be to recreate the methodology and processes of the scientific method and explore its relevance in today's society.

- **Liberal Studies 311** 3 units (crs.)

Environmental Issues

Introduces students to the complexities of environmental problems confronting today's global citizens. Focuses on a series of environmental issues that are, and have been,

difficult to resolve. Readings, audiovisual materials, and discussions on three or more environmental controversies are employed to illustrate the many aspects of each issue that should be explored. Students investigate a problem of their choice for presentation to the class in written or oral form. A field trip extends ecological background and provides additional information on a major issue addressed in the course.

- **Liberal Studies 315** 3 units (crs.)

Managing People at Work

Examines the human resource management component of the management process. The course includes both theory and application related to effectively managing individuals in their work roles. Elective.

- **Liberal Studies 318** 3 units (crs.)

Ethics and Decision Making in Organizations

Analysis of the influences on decision making in a variety of organizational contexts and the impact on individuals and society. Students will investigate how culture, science and technology, religion, politics and the economy affect the decisions made at a variety of levels in organizations, and the effects of those decisions. Particular focus will be on the resolving ethical dilemmas which might result from value conflicts, such as between social and responsibility and financial interests. Prerequisites: Liberal Studies 109 or consent of instructor.

- **Liberal Studies 319** 3 units (crs.)

Creating Presentations in the Virtual Workplace

This course offers guidance and examples on how to create effective online mediated presentations in a workplace, which is increasingly dependent upon computer technology as a means to communicate globally. The course provides students with an understanding of effective presentation creation strategies utilizing storytelling techniques. In addition students will learn the use of new media techniques to optimize organizational, networked and web presentations. Students will create web-based new media web presentations utilizing graphics, animation, and integrated recorded speech.

- **Liberal Studies 320** 3 units (crs.)

Gendered Lives (SS)

Analysis of how gender affects human experiences throughout the lifespan, from infancy through old age. Using insights from social science theories of human development and of gender, explores how males and females are expected to behave, how they actually define themselves, and how they act out or challenge gender prescriptions, at each stage of the life cycle. Cross-listed: Liberal Studies 320/ Women's Studies 320. Students may receive credit for only one of the two cross-listed courses.

- **Liberal Studies 325** 3 units (crs.)

Introduction Organizational Administration

The course provides the student an introduction to some recent and successful theories and practices of organizational administration, including communication basics, persuasion, critical and empathetic listening, leadership development, systems and strategic thinking, planning, programming and budgeting, cognitive complexity, leadership styles and development, total quality management, the improvement of human performance, and learning organizations. The student will also have an introduction to ethics, external affairs, and crisis planning and management.

- **Liberal Studies 331** *1-3 units (crs.)*

Study Tour

Study tours to various world regions directed and led by faculty members of the Liberal Studies Program. Tours are designed to provide undergraduate students with direct contact with other cultures and societies. Tours include background reading and classes, field lectures, presentations, a trip log and reporting by students as specified by the instructor. Information on specific tours, fees, transportation, and expenses will be announced each time the course is scheduled. Prerequisite: Permission of the instructor and program director. Course is offered jointly by the Liberal Studies Program and the Division of Continuing Education. Course may be repeated with different content.

- **Liberal Studies 335** *3 units (crs.)*

Transformative Leadership

Transformative leadership is a creative, passionate and authentic expression of service inspired by the leadership wisdom of Bennis, Drucker, Greanleaf, Hesselbein, Hooks, and Quinn. In this course learners will have the opportunity to identify and develop individually unique and effective leadership styles and approaches. Through a combination of inventories, reflection and experiential activities learners will explore their passion and what constrains their leadership as well as how they impact and influence others. Learners also will observe and analyze the leadership styles of leaders with whom they associate. Prerequisites: None.

- **Liberal Studies 336** *3 units (crs.)*

Collaborative Leadership Dynamics

This course is designed to introduce a theoretical framework for collaborative leadership and the elements of group dynamics that support and maintain its success. Opportunities to integrate theory and practice will be provided to assist learners in understanding how groups function and how they, as leaders, impact the ability/behaviors of the group for solving personal, interpersonal, group, and organizational problems. Prerequisites: None.

- **Liberal Studies 337** *3 units (crs.)*

Conflict Resolution: Negotiation, Mediation and Arbitration

Designed to introduce learners to the study of ADR, or Alternative dispute resolution, this course explores the resolution of conflict through negotiation, mediation and arbitration. A variety of approaches for resolving conflict are examined, from the adjudicative (arbitration, private or special judging, neutral fact-finding) to the evaluative (peer, lay, judicial, and expert evaluation) to the mediative. Emphasis is given to the mediative process and its usefulness in a wide range of venues. Learners will be given multiple opportunities to integrate theory and practice in the development of conflict resolution skills. Prerequisites: None.

- **Liberal Studies 338** *3 units (crs.)*

Mentoring and Development

This course will examine the principles and techniques of effective mentoring, the mentor as change agent within the organizational entity and the impact mentoring programs have in organizational settings overall. Students will examine and critically analyze their mentoring experiences as well as the content of existing programs, and propose recommendations on how to develop or enhance a mentoring culture in a given organization. Prerequisite: Communication 214 or Communication 215.

- **Liberal Studies 380** 3 units (crs.)

Learning Systems in the Workplace

This course studies the theory, development, and implementation of training and its relationship to Human Resources Development and business goals and objectives. Focus is on entire systems from analysis to delivery including needs assessment, program design, training methodologies, and evaluation. Team development and presentation of a comprehensive training module required.

- **Liberal Studies 400** 1-3 units (crs.)

Topics in Organizational Administration: Optional Content

This course presents a study of selected current, relevant organizational administration topics. Students may repeat the course once provided the topics presented are different. Topics will stress the continuing development of learning organizations, continuing changes in organizational leadership and process, and/or continuing application of critical thinking to organizational problems. Prerequisite: Permission of instructor.

- **Liberal Studies 405** 3 units (crs.)

Project Planning and Implementation

This course includes the "science" of initiating, planning, executing, controlling and closing projects, following the proven structure developed by the internationally-recognized Project Management Institute. Topics also cover the "art" of time management, conflict resolution and effective communication and partnerships-methods and behaviors associated with successful projects. This course uses a series of case studies, problems and papers designed to help learners demonstrate their ability to apply course topics to workplace settings.

- **Liberal Studies 410** 3 units (crs.)

Capstone Seminar

Designed as a culminating or 'capstone' learning experience, this course focuses on the integration of concepts and ideas from previous Liberal Studies courses. Prerequisite: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 411** 3 units (crs.)

Senior Research Seminar

The Senior Research Seminar provides an overview of approaches to research and the assumptions that underlie each. Particular emphasis is given to the correspondence between research methods and epistemological orientation. Students develop a research questions and perform a preliminary literature review around a topic of their choice. This course is the prerequisite companion course to Liberal Studies 412, the Senior Research Project. Prerequisites: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 412** 3 units (crs.)

Senior Research Project

The Senior Research Project guides the student through the completion of a research project. Working with a mentor or adjunct faculty member and the instructor, the student conducts the appropriate research and presents the conclusions in an acceptable format and style. The successful completion of this project is contingent upon upper level thought processes - analysis, synthesis, summarization and drawing conclusions - as well as competence in reading, writing and speaking. This course is the companion course to

Liberal Studies 411, Senior Research Seminar. Prerequisites: PBIS 189 and Liberal Studies 411, Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 425** 3 units (crs.)

Senior Seminar in Organizational Administration

Focuses the student's prior work, both on and off campus, on the applied and the theoretical basis of the organization, of leadership, and on the efforts of people within an organization. This seminar will, through reading, class lectures and discussions, applied research and presentations, in written and oral reports, seek understanding of the theories and operational definitions of organizations and leadership. The student will be able to analyze existing organizations for problems or opportunities in organizational operation, leadership, and team efforts. The student will be able to design plans, programs, strategies, tactics, and resource requirements to accomplish predetermined goals and objectives. The student will be required to convince his/her classmates of the validity of the findings and proposals. They will be evaluating each other's work and that evaluation will likewise be evaluated. Prerequisites: PBIS 189 and Liberal Studies 300 OR English 309 OR English 316.

- **Liberal Studies 436** 3 units (crs.)

Capstone Applied Learning Project

This course is designed as a culminating or "capstone" learning experience for adults nearing the completion of the baccalaureate degree through the Center of New Learning. The fundamental aim of the course is to equip participants with the learning capacities and competencies necessary for continued personal, civic and career growth. This course is an individually planned learning project that combines the concepts and ideas mastered through coursework with actual workplace environments. The student, the instructor and a workplace mentor will agree on an applied learning project. Goals, objectives, and a preliminary plan will be approved in writing by all three parties before the project is begun. The project will be supervised by the University instructor and the workplace mentor and will include a literature review and commentary, original work and a final report and presentation. Prerequisites: Senior-level standing.

- **Liberal Studies 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisite: PBIS 189.

- **Liberal Studies 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Liberal Studies 463** 3 units (crs.)

Budgeting & Bookkeeping for Program Managers

This course provides the students an opportunity to learn the basics of budgeting and bookkeeping. The course of study will help prepare program and profit center managers to develop and manage their budgets and expenditures. They will also have the opportunity to learn to use accounting information and make monetary and financial decisions. The relationship between organizations and the national economy and monetary decisions will also be discussed. Prerequisite: PBIS 189.

- **Liberal Studies 466** *3 units (crs.)*

Applied Data Gathering and Analysis

Using data effectively in the workplace: the collection, analysis, and interpretation of data for decision-making and problem solving within organizations. Topics include question posing, qualitative data gathering and analysis, quantitative data gathering and analysis, descriptive statistics, beginning inferential statistics, feasibility techniques, and process analysis. This course will use an extensive series of cases and problems and conclude with student projects that demonstrate an ability to take a problem from inquiry and data gathering, through analysis and solution identification, to formal presentation.

Prerequisite: PBIS 189.

Mathematics

Information

K.L.D. Gunawardena, Chairperson
Department Office: Swart 115
Department Telephone: 920-424-1333
Code 67 or MATH

Faculty

- Beam, Belnap, Benzaid, Bullington, Edwards, Eroh, Ganapathy, Gunawardena, Hart, Kazmi, Koker, Kuennen, Moghadam, Moussavi, Muthuvel, Parrott, Penniston, Price, Szydlik J., Szydlik S., Winters, Zhang

Degrees

- **Undergraduate:** A major in Mathematics can lead to the degree(s): Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** Students who complete a major in the Mathematics Department may want to continue in our graduate program leading to the degree: Master of Science in Mathematics Education. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. GOAL(S)

- The department has identified six general goals for students who complete the core mathematics courses of the major:

Communication: Students will be able to read, write, listen, and speak mathematically. They will contribute effectively to group efforts; communicate mathematics clearly in ways appropriate to career goals; and make oral and written presentations on various topics. Students will possess skill in expository mathematical writing and have a disposition for questioning. They will be able to listen and engage in mathematical discourse.

Content: Students will be able to demonstrate that they understand the theory and applications of calculus, the basic techniques of linear and abstract mathematics and the basic concepts associated with probability and statistics.

They will be prepared to begin a study of higher-level mathematics.

Connections: Students will possess an understanding of the breadth of the mathematical sciences and their interconnecting principles. They will witness the interplay among applications, problem-solving, and theory. They will understand and appreciate connections between different areas of mathematics and with other disciplines and gain awareness of the abstract nature of theoretical mathematics. They will understand the dichotomy of mathematics as an object of study and a tool for application. They will understand the role of technology in the study of mathematics.

Independent Learning/Reading: Students will be able to undertake independent work and will be able to develop ideas and discover mathematics that is new to them. Students should possess an advanced level of critical sophistication; knowledge and skills needed for further study; personal motivation and enthusiasm for studying and applying mathematics; and attitudes of mind and analytical skills required for efficient use, appreciation, and understanding of mathematics.

Problem Solving: Students will be able to perform complex tasks, explore subtly and discern patterns. They will be able to formulate conjectures based on observation and experimentation. They will use appropriate technology to explore mathematics and will recognize the limitations of technology. They will apply mathematics to a broad spectrum of complex problems and issues and will be able to simplify and nonmathematical problem of making reasonable assumptions and then interpret mathematically.

Reasoning/Validation: They will locate, analyze, synthesize, and evaluate information; create and document algorithms and undertake intellectually demanding mathematical reasoning. They will demonstrate proficiency to reason rigorously in mathematical arguments.

2. THE MAJOR(S)

- The Department offers a choice of four emphases within the Mathematics Major. These are: 1) Applied Mathematics, 2) Statistics, 3) Secondary Education, 4) Liberal Arts.

3. THE MINOR(S)

- The Department offers five minor(s): 1) Mathematics for Letters and Science or Business Students, 2) Operations Research, 3) Mathematics for Secondary Education Certification, 4) Mathematics for Elementary and Middle School Certification, 5) Statistics.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Mathematics major or minor. Refer to the following Sections for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **Comment:**
Students interested in a Mathematics Program should consult the student handbook available online at <http://www.uwosh.edu/departments/mathematics>.
- **Core Mathematics Courses:**
 - Mathematics 171 Calculus I 4 cr.
 - Mathematics 172 Calculus II 4 cr.
 - Mathematics 222 Intro to Abstract Mathematics 3 cr.
 - Mathematics 256 Intro to Linear Mathematics 3 cr.
 - Mathematics 273 Calculus III 4 cr.

The Major(s), with Emphasis and/or Options

1. MATHEMATICS MAJOR

- **Applied Mathematics Emphasis**
 - Recommended for students who would like to develop and use their mathematical ability for careers in business and industry.
 - **Required Units (crs.):** 40 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Mathematics:** Mathematics 301, 365, 371, 467.
 - **Computer Science:** Computer Science 221 (does NOT count toward the 40 unit (cr.) minimum).
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement including these studies:
Mathematics: Mathematics 352, 355, 356, 375, 376, 381, 401, 402.
- **Statistics Emphasis**
 - **Required Units (crs.):** 39 minimum
 - **Required courses:** In addition to the Core Courses:
 - **Mathematics:** Mathematics 301, 365, 385, 401.
 - **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement including these studies:
Mathematics: Mathematics 302, 304, 305, 355, 356, 381, 386, 402.
- **Secondary Education Emphasis**

- Recommended for students who plan to teach junior or senior high school mathematics.
- **Required Units (crs.):** 39 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Mathematics:** Mathematics 301, 331; 333 or 334; 485; plus one course from: Mathematics 346, 347, 348 or 349.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement selected so that at least one elective is selected from two of the following five areas (may not be double counted from the required courses): 1) Algebra-Mathematics 346, 347, 348 or 349; 2) Geometry/topology-Mathematics 333, 334, or 480; 3) Probability/Statistics-Mathematics 302, 304, 305, 381, 385, 386, 401, or 402; 4) Computing-Mathematics 352, 355, 356, or 357; 5) Analysis-Mathematics 371, 375, 376, or 467.
- **Liberal Arts Emphasis**
 - Recommended for students who want to continue the study of Mathematics beyond a Bachelor's Degree.
 - **Required Units (crs.):** 40 minimum
 - **Required Courses:** In addition to the core courses:
 - **Mathematics:** Mathematics 365 or 485; two courses from: Mathematics 301, 346, 347, 348 or 349; two courses from: Mathematics 375, 376, 467, or 480.
 - **Electives:** Sufficient courses from the Department's offerings to meet the minimum requirement including these studies: Mathematics 302, 304, 305, 331, 333, 334, 352, 355, 356, 357, 365, 371, 381, 385, 386, 401, 402, 480.

The Minor(s)

1. MATHEMATICS MINOR FOR LETTERS AND SCIENCE OR BUSINESS STUDENTS

Recommended for students who are majoring in fields related to Mathematics such as Business, Computer Science, Economics, Natural Sciences, Physical Sciences.

- **Required Units (crs.):** 25 minimum
- **Required Courses:**
 - **Mathematics:** Core Courses
 - **Mathematics:** Mathematics 301
- **Electives:** Choose courses from the following to meet the 25 credit minimum requirements: Mathematics 302, 331, 334, 346, 347, 348, 349, 355, 371, 375, and 376

2. OPERATIONS RESEARCH MINOR

Recommended for students who are majoring in Business, Computer Science, Physical Sciences or similar fields.

- **Required Units (crs.):** 26 minimum

- **Required Courses:**
 - **Mathematics:** Mathematics 171, 172, 222, 256 and 301.
 - **Business:** Business 341, 342, 460.
 - **Electives:** Sufficient courses from the Mathematics Department's offerings to meet the Minimum Unit (cr.) Requirement.
3. **MATHEMATICS MINOR FOR SECONDARY EDUCATION LICENSURE**
 Recommended for students who have had four years of high school mathematics, are earning a degree in Secondary Education, and are planning to teach mathematics or a related field.
- **Required Units (crs.):** 25 minimum
 - **Required Courses:**
 - **Mathematics Minor (Secondary Education):** Mathematics 171, 172, 222, 256, 201 or 301, 331 and 334.
 - **Electives:** One additional course in Algebra (Mathematics 346, 347, 348, 349) or Geometry or Probability/Statistics or Computing Mathematics selected from department offerings.
4. **MATHEMATICS MINOR FOR ELEMENTARY AND MIDDLE SCHOOL LICENSURE**
 Recommended for students who have had four years of high school Mathematics, are earning a degree in Elementary Education, and are interested in teaching Elementary or Middle School Mathematics (Certification K-3/1-6/1-8/5-9).
- **Required Units (crs.):** 24 minimum
 - **Required Courses:**
 - **Mathematics:** Mathematics 110, 211, 217, 490; plus three courses from: Mathematics 317, 319, 413, and 415.
 - **Comment:** Since the upper level courses are not necessarily offered at regularly "spaced times," it is important that interested students declare the minor no later than their sophomore year.
5. **STATISTICS MINOR**
 Recommended for students who are in the areas of Business, Computer Science, Education, Mathematics, Natural Science, Physical Science and Social Science.
- **Required Units (crs.):** 27 minimum
 - **Required Courses:**
 - **Mathematics:** Mathematics 171, 172, 201 or 301, 222, 302 and at least two courses from: Mathematics 304, 305, 381, 385, and 386.
 - **Electives:** Sufficient courses to meet the Minimum Unit (cr.) Requirement selected from these studies:
 - **Business:** Business 341, 342, or 460.
 - **Economics:** Economics 473.
 - **Mathematics:** Mathematics 304, 305, 381, 385, 386, 401, or 402
 - **Comment:**
 Mathematics majors with an emphasis other than statistics may earn a minor in statistics but they must have a minimum of 52 units (crs.) in Mathematics and Statistics approved by the Statistics advisor.

Course Offerings

NOTE: Prerequisite courses must be completed with a grade of "C" or better. The Mathematics Department recommendation for students entering their first course in mathematics is made on the basis of the student's high school record, ACT score, University objectives, and mathematics placement exam.

Students whose first mathematics course at UW Oshkosh is Mathematics 172 Calculus II and who have not received credit for Mathematics 171 Calculus I, may receive retroactive credit for Mathematics 171 under the following conditions:

- **Students must receive permission from the chair of the Math Department to register for Mathematics 172. The chair will take into account the student's Math ACT score and evidence that the student is properly prepared for Mathematics 172.**
- **Students must earn a grade of C or better in Mathematics 172.**
- **The student must request in writing to the chair of the Math Department that retroactive credit be granted.**

If you have completed a Math course you may not get credit for a lower level math course. See chart below and also check course descriptions for other restrictions.

Can't earn credit for:	If you have credit for Math:
Math 103	104, 106, 108, 171, 172, 175, 212
Math 104	108, 171, 172, 175
Math 106	108, 171, 172, 175
PBIS 189, Math 109	171, 201, 212, 301
Math 171	175

- **Problem-Based Inquiry Seminar 187 3 units (crs.)**
Problem Based Inquiry Seminar (PBIS) (MA)

In this course students will develop their problem solving, critical thinking, communications and quantitative skills by exploring a mathematical topic in a problem solving setting. The topic will vary depending on instructor. Students are expected to participate actively in their own learning through class discussions, presentations and group activities and will identify attitudes and beliefs that are conducive to success in problem solving and critical thinking. Students should consult their advisor or the Mathematics Department to determine the topics of individual sections. Successful completion of this course will fulfill the Problem-Based Inquiry Seminar requirement. Prerequisite: Mathematics 103, Introduction to College Algebra, with grade of C or better or placement.

- **Problem-Based Inquiry Seminar 188 3 units (crs.)**
Problem based Inquiry Seminar-Modern Mathematics & it's Applications (PBIS) (MA)

This is a course intended for students whose major program does not require algebra or calculus. Students will see that the connection between the mathematics presented and down-to-earth, concrete real-life problems is direct and immediate. Topics are selected from social choice (voting systems, fair division, apportionment), management science (graphs, networks, scheduling), growth and symmetry (growth, populations, patterns), statistics (data analysis, probability, distributions) and computer technology (algorithms, data storage, coding, graphics).

Prerequisite: Mathematics 103, Introduction to College Algebra, with grade of C or better or placement. (Fall-Spring)

- **Problem-Based Inquiry Seminar 189** 3 units (crs.)

Problem Based Inquiry Seminar-Statistics (PBIS) (MA)

Descriptive statistics/elementary probability/basic problems of statistical inference: estimation, confidence intervals, hypothesis testing, regression and correlation. Prerequisite: Mathematics 103, Introduction to College Algebra, with grade of C or better or placement. (Fall-Spring)

- **Mathematics 100** 4 units (crs.)

Elementary Algebra

Basic concepts about real numbers, fundamental operations of arithmetic, algebraic expressions, an introduction to linear equations and problem solving, graphing linear equations, factoring, exponents and polynomials, rational expressions and equations. Only those students failing to meet the prerequisites for courses at the Mathematics 103 level will be recommended for this course. This course does not count toward the 120 units (crs.) necessary for graduation. A grade of C or better is required to remove mathematics deficiency. (Fall-Spring)

- **Mathematics 103** 3 units (crs.)

Intermediate Algebra

Functions and graphs, systems of linear equations and problem solving, inequalities in one and two variables, exponents and radicals, quadratic functions, exponential and logarithmic functions. This course does not count towards the 120 units credits (crs.) necessary for graduation. Prerequisite: Mathematics 100 with a C or better or placement. Not open to students who have completed Mathematics 104 or higher. (Fall-Spring)

- **Mathematics 104** 3 units (crs.)

College Algebra

Equations and inequalities; graphs, functions and models; polynomial and rational functions; exponential and logarithmic functions. May not receive credit for both Mathematics 104 and 108. Prerequisite: Mathematics 103 with grade of C or better or placement.

- **Mathematics 106** 2 units (crs.)

Trigonometry

A first course in trigonometry. Basic circular functions and their inverses. Trigonometric identities and equations. Triangle trigonometry. Law of Sines and Law of Cosines. Students may not receive credit for both Mathematics 108 and 106. Prerequisite: Mathematics 104 with a grade of C or better or placement. (Fall-Spring)

- **Mathematics 108** 5 units (crs.)

Pre-Calculus

A functional approach to college algebra and trigonometry. Polynomial, exponential, logarithmic, circular and trigonometric functions. Recommended for all students who place at this level and who expect to take the Mathematics 171 - Mathematics 172 calculus sequence. May not receive credit for both Mathematics 104 and 108. Prerequisite: Mathematics 103 with a grade of C or better or placement.

- **Mathematics 109** 3 units (crs.)

Elementary Statistics (MA)

Descriptive statistics, elementary probability theory, sampling distributions, basic problems of statistical inference including estimation and confidence intervals, tests of hypothesis and regression. Prerequisites: Mathematics 103 with a grade of C or better or placement.

- **Mathematics 110** *3 units (crs.)*

Number Systems

Exploring, conjecturing, communicating and reasoning within the content domain of the whole numbers, the integers, the rational numbers and the real numbers. Includes experiences with sets, number sense and numeration, number systems, number theory, concepts of operations on numbers, computational algorithms and estimation. Open only to students in Elementary and Special Education. Prerequisite: Math 103, Introduction to College Algebra with a grade of C or better or placement.

- **Mathematics 171** *4 units (crs.)*

Calculus I (MA)

Real valued functions of a single variable. Concept of derivative, antiderivative, and definite integral. Differentiation and applications, including optimization and curve-sketching. Emphasis on problem solving, approximation, data analysis, visualization. A graphics programmable calculator is required. Prerequisite: Mathematics 108 or 104 and 106 with grade(s) of C or better or 4 years of college preparatory mathematics and a satisfactory score on a placement examination. (Fall-Spring)

- **Mathematics 172** *4 units (crs.)*

Calculus II

Definite integration and applications, several techniques of integration, approximation, and improper integrals. Numerical differential equations, slope fields, Euler's method, and mathematical modeling. Taylor and Fourier Series. A graphics programmable calculator is required. Prerequisite: Mathematics 171 with a grade of C or better. (Fall-Spring)

- **Mathematics 175** *4 units (crs.)*

Honors: Calculus I

Covers the same subject matter as Mathematics 171 but with greater mathematical depth and emphasis on heuristic problem solving processes, computer or calculator graphics, and applications. Prerequisite: University Honors status in addition to the prerequisites for Mathematics 171.

- **Mathematics 201** *3 units (crs.)*

Applied Statistics (MA)

An introduction to applied statistics using a statistical computing package such as MINITAB. Topics include: Descriptive statistics, elementary probability, discrete and continuous distributions, interval and point estimation, hypothesis testing, regression and correlation. Prerequisite: Mathematics 104 or 108 with a grade of C or better. (Fall-Spring)

- **Mathematics 204** *4 units (crs.)*

Finite Math for Business

This course is designed to acquaint business students with mathematical techniques which are useful in business and management. Topics include operations on rational expressions, exponents, functions and graphs, systems of equations, linear programming, probability and mathematics of finance. Prerequisites: Mathematics 103 or 104 or 108 with a grade of C or better or placement. (Fall-Spring)

- **Mathematics 206** *4 units (crs.)*

Applied Calculus for Business (MA)

Topics include logarithmic and exponential functions, differential and integral calculus and their application to business problems. Prerequisites: Mathematics 104 or 108 or 204 with a grade of C or better or placement. (Fall-Spring)

- **Mathematics 211** *3 units (crs.)*

Fundamentals of Geometry and Measurement for Elementary and Special Education Programs (MA)

Intuitive geometry and topology. Introduction to motion geometry. Measurement of length, area, volume and angle size. Includes a content foundation for teaching the geometry and measurement concepts recommended in the DPI K-8 guidelines. Prerequisite: Mathematics 110 with a grade of C or better. (Fall-Spring)

- **Mathematics 212** *3 units (crs.)*

Mathematics for Computer Science

Required of all Computer Science majors and minors. An introduction to truth tables and boolean functions, set theory, counting principles and the use of permutations and combinations, recurrence relations and the mathematical analysis of algorithms. Topics in discrete probability including random variables and expected values are also discussed. Prerequisites: Mathematics 171 or 206, or placement, and Computer Science 221 with a grade of C or better.

- **Mathematics 217** *3 units (crs.)*

Data Exploration and Analysis

This course uses activities and experiments to develop ideas about analyzing and reporting data, statistical techniques, probability and simulation. Most activities will involve data gathered from real life situations. Prerequisite: Mathematics 110 with a grade of C or better. (Fall-Spring)

- **Mathematics 222** *3 units (crs.)*

Introduction to Abstract Mathematics

Basic properties of functions, sets, and relations presented in various contexts. Emphasis on the precise use of language, the logical structure of mathematical statements, and the structure of proofs. Proof methods include induction, proof by contradiction, direct proof, and the construction of examples and counter examples. Examples may be drawn from various topics such as the integers, rational and real numbers, geometry, calculus, combinatorics, modern algebra and real analysis. Prerequisite: Mathematics 172 with a grade of C or better.

- **Mathematics 256** *3 units (crs.)*

Introduction to Linear Mathematics

An introduction to linear algebra based on the study of matrices, with an emphasis on situations which can be interpreted geometrically in the plane or in space. Topics include: matrix operations, systems of linear equations, determinants, eigenvectors and eigenvalues, properties of R^n with emphasis on R^2 and R^3 and applications of each of these topics. Most computation will be done on TI-85 or equivalent technology. Prerequisite: Mathematics 172 with a grade of C or better. (Fall-Spring)

- **Mathematics 273** *4 units (crs.)*

Calculus III

Vectors in two and three dimensions and vector functions. Multivariate differential and integral calculus, partial derivatives and multiple integrals. Line and surface integrals. Prerequisite: Mathematics 172 with a grade of C or better. (Fall-Spring)

- **Mathematics 287** *1 unit (cr.)*

Elementary Topics in Mathematics

Elementary level topics from such areas as: decision theory, game theory, graphs and networks, linear programming, applications of calculus to biology, ecology, and the social sciences, mathematical modeling, and statistics. Prerequisite: Mathematics 104 or 108 with a grade of C or better.

- **Mathematics 301** *3 units (crs.)*

Introduction to Probability and Statistics

Elementary probability models, discrete and continuous random variables, sampling and sampling distributions, estimation, and hypothesis testing. Prerequisite: Mathematics 172 with a grade of C or better. (Fall-Spring)

- **Mathematics 302** *4 units (crs.)*

Intermediate Statistical Methods

Emphasis on models and methods used in statistical applications. Topics covered include: two sample procedures, linear regression and correlation, analysis of a variance, and appropriate software package(s). Prerequisite: Mathematics 201 or 301 with a grade of C or better.

- **Mathematics 304** *3 units (crs.)*

Introduction to Nonparametric Methods

Statistical methods when the functional form of the population is unknown. Emphasis on applications and comparison of methods. One and two sample tests, contingency tables, tolerance limits, confidence intervals for means, tests of significance for some measures of correlation, and K-sample tests. Prerequisite: Mathematics 201 or 301 with a grade of C or better.

- **Mathematics 305** *3 units (crs.)*

Statistics for Quality and Productivity

Statistical process control charts including Shewart and CUSUM. Design of experiments including factorials, fractional factorials and designs to explore response surfaces. The roles of blocking, confounding and randomization. The course will be about 25% statistical process control and about 75% design of experiments. Prerequisite: Mathematics 301 with a grade of C or better. 305/505

- **Mathematics 317** *4 units (crs.)*

Probability and Statistics for Elementary and Middle School Programs

An introduction to probability and statistics emphasizing problem solving and communication. Topics include sample spaces, permutations and combinations, random variables, expected value, probability distributions, hypothesis testing and statistical inference. This course will employ technology and contain a historical component. Prerequisites: Mathematics 211 and 217 each with a grade of C or better. 317/517

- **Mathematics 319** *4 units (crs.)*

Infinite Processes for Elem & Mid Sch Programs

An introduction to infinite processes; this course emphasizes problem solving and communication. Topics include functions, continuity, limiting processes, rates of change, optimization, approximation of areas and volumes, sequences and series. This course will employ technology and will contain a historical component. (May not receive credit for both Mathematics 319 and Mathematics 171.) Prerequisites: Mathematics 211 and 217 each with a grade of C or better.

- **Mathematics 331** *2 units (crs.)*

Fundamentals of Geometry

An introduction to the evolution of geometry, modern elementary geometry, transformation theory, and modern axiomatic Euclidean geometry. Prerequisite: Mathematics 222. (Spring)

- **Mathematics 333** *2 units (crs.)*

Synthetic Projective Geometry

Topics include duality, harmonic sequences, projective transformations, and conics. Prerequisite: Mathematics 331 with a grade of C or better.

- **Mathematics 334** 2 units (crs.)

Hyperbolic Geometry

This course will survey the history of non-Euclidean geometry and develop the basic properties of hyperbolic geometry. A consistency model will be constructed in the Euclidean plane and hyperbolic trigonometry developed by the use of this model. Prerequisite: Mathematics 331 with a grade of C or better. (Spring)

- **Mathematics 346** 3 units (crs.)

Linear Algebra

This course is a proof-oriented, abstract approach to the study of finite dimensional vector spaces and linear transformations. Linear Algebra is central in mathematics and used heavily in other areas, such as computer science, economics, and physics. Topics include bases and dimension, matrices, determinants, inner product spaces, and characteristic values and characteristic vectors. Additional topics may include the Jordan canonical form, the spectral theorem, and quadratic forms. Prerequisite: Math 222 and Math 256 each with a grade of C or better. 346/546 (Fall)

- **Mathematics 347** 3 units (crs.)

Introduction to Group Theory

A group is an algebraic system described by a set equipped with one associative operation. Groups contain an identity element and every element has an inverse. Group theory has applications in diverse areas such as art, biology, geometry, linguistics, music, and physics. The kinds of groups covered in this class include permutation, symmetric, alternating, and dihedral groups. Some of the important theorems covered are Cayley's Theorem, Fermat's Little Theorem, Lagrange's Theorem and the Fundamental Theorem of Finite Abelian Groups. Prerequisite: Math 222 with a grade of C or better.

- **Mathematics 348** 3 units (crs.)

Introduction to Ring Theory

A ring is an algebraic system described by a set equipped with addition and multiplication operations. Rings arise naturally as generalized number systems. The integers, for example, form a ring with the usual addition and multiplication operations. Ring theory has applications in diverse areas such as biology, combinatorics, computer science, physics, and topology. Topics include rings of matrices, integers modulo n , polynomials, and integral domains. Some of the important theorems covered are the Fundamental Theorem of Algebra, the Division and Euclidean Algorithms, and Eisenstein's Criterion. Prerequisite: Math 222 with a grade of C or better.

- **Mathematics 349** 3 units (crs.)

Introduction to Number Theory

Number Theory is a branch of mathematics that involves the study of properties of the integers. Topics covered include factorization, prime numbers, continued fractions, and congruencies as well as more sophisticated tools such as quadratic reciprocity, Diophantine equations, and number theoretic functions. However, many results and open questions in number theory can be understood by those without an extensive background in mathematics. Additional topics might include Fermat's Last Theorem, twin primes, Fibonacci numbers, and perfect numbers. Prerequisite: Math 222 with a grade of C or better. 349/549

- **Mathematics 352** 3 units (crs.)

Computing Mathematics with Applications

An introduction to a Computer Algebra System such as Maple, Mathematica or Matlab. The course begins by exploring the symbolic, numerical and graphical capabilities of the software. Topics include lists, sets, arrays, functions and some programming with applications to algebra, calculus, discrete mathematics, linear mathematics, differential equations, probability and statistics and number theory. Students will work in groups and will complete projects exploring some mathematical problems using the software. Prerequisite: Mathematics 172.

- **Mathematics 355** 3 units (crs.)

Introduction to Numerical Analysis

Topics in numerical computations selected from polynomial interpolation, solution of nonlinear equations, numerical integration, numerical solution of differential equations, and approximation. Prerequisite: Mathematics 273 and Computer Science 221 or equivalent each with a grade of C or better. 355/555

- **Mathematics 356** 3 units (crs.)

Linear Numerical Analysis

Topics in numerical linear algebra selected from: Gaussian elimination, matrix inversion, eigenvector and eigenvalue computations, error analysis, condition numbers and pivoting strategies. Prerequisite: Mathematics 256, 273 and Computer Science 221 or equivalent each with a grade of C or better. 356/556

- **Mathematics 357** 3 units (crs.)

Linear Programming

Application and theory of linear programming. Primal and dual formulations, sensitivity analysis, simplex method, transportation algorithm, and the assignment problem.

Students will learn modeling and how to apply linear programming to problems. Case studies are used. This course is appropriate for mathematics students as well as students from other fields. Prerequisite: Mathematics 256.

- **Mathematics 365** 2 units (crs.)

Math Modeling

Research, analysis, and construction of mathematical models for 'real world' problems. Application to areas within and outside mathematics. Oral group presentations and a written technical report are required. Prerequisite: Completion of core plus 12 units (crs.) in math numbered 300 or above. (Spring)

- **Mathematics 371** 3 units (crs.)

Differential Equations

An introductory course treating ordinary differential equations of the first and second order; linear equations with constant coefficients; solutions using series, the Laplace transform, and numerical methods. Prerequisite: Mathematics 172. 371/571 (Spring)

- **Mathematics 375** 3 units (crs.)

Vector & Complex Analyses

Topics in mathematics applicable to the physical sciences: Vector analysis, Green's theorem and generalizations, analytic function theory. Prerequisite: Mathematics 273. 375/575

- **Mathematics 376** 3 units (crs.)

Partial Differential Equations and Boundary Value Problems

Topics in mathematics applicable to the physical sciences: solutions of certain classical differential equations (ordinary and partial), Fourier methods, and applied linear algebra. Prerequisite: Mathematics 371. 376/576

- **Mathematics 381** *3 units (crs.)*

Stochastic Modeling

Conditional probability and conditional expectation, Markov chains, Poisson processes, branching processes and population growth. Prerequisite: Mathematics 256, Math 273 and Math 201 or Math 301 all with grades of C or better. 381/581

- **Mathematics 385** *3 units (crs.)*

Applied Regression Analysis

A practical introduction to regression emphasizing applications rather than theory. Simple and multiple regression analysis, basic components of experimental design, and elementary model building. Both conventional and computer techniques will be used in performing the analyses. Prerequisite: Mathematics 256 and 201 or Math 301 each with a grade of C or better. 385/585

- **Mathematics 386** *3 units (crs.)*

Linear Statistical Models

A unified approach to the application of linear statistical models in analysis of variance (ANOVA) and experimental design. In ANOVA topics from single-factor ANOVA and multifactor ANOVA will be considered. Experimental design will include randomized blocks, Latin squares, and incomplete block designs. Prerequisite: Mathematics 256 and 201 or Math 301 each with a grade of C or better. 386/586

- **Mathematics 401** *3 units (crs.)*

Mathematical Statistics I

Probability and combinatorial methods. Discrete and continuous, univariate and multivariate distributions, expected values, moments, normal distributions and derived distributions. Prerequisite: Mathematics 273 and 201 or Math 301 each with a grade of C or better. 401/601 (Fall)

- **Mathematics 402** *3 units (crs.)*

Mathematical Statistics II

Estimation, testing hypothesis, analysis of variance, comparison of means, least squares analysis, regression and correlation. Prerequisite: Mathematics 401. 402/602 (Spring)

- **Mathematics 403** *2 units (crs.)*

Issues in Statistical Practice

Selected readings and projects illustrating some of the special problems encountered by professional statisticians in their roles as consultants, educators and researchers. Prerequisite: Mathematics 401 and at least two courses from Mathematics 303, 305, 381, 385 and 386. (Spring)

- **Mathematics 413** *4 units (crs.)*

Modern Algebra for Elementary and Middle School Programs

An intuitive and investigative study of selected mathematical structures (groups, rings, integral domains, fields and vector spaces), sets, operations and functions including historical aspects. Emphasis is on problem solving. Prerequisite: Mathematics 104 or equivalent, Mathematics 211 and 217 each with a grade of C or better. 413/613

- **Mathematics 415** *4 units (crs.)*

Modern Geometry for Elementary and Middle School Programs

An informal approach to geometry. Topics are chosen from transformational (motion) geometry (reflections, rotations, translations and glide-reflections), symmetry, fractal geometry, spatial visualization, topology and graph theory including historical aspects. Emphasis is on problem solving and reasoning using technology and math manipulatives. The course will contain a

historical component. Prerequisites: Mathematics 211 and 217 each with a grade of C or better. 415/615

- **Mathematics 430** 3 units (crs.)

International Comparative Mathematics Education Seminar

Survey and study of research literature on comparative mathematics education, including cultural perceptions on the nature of mathematics and the teaching and learning of mathematics. Analysis of international studies in mathematics achievement. Comparison of standards and curricula for teaching school mathematics. Experience with units from demonstration projects in international primary or secondary school curriculum materials. Prerequisites: Senior status with a major in elementary education and completion of 17 units (crs) toward a minor in mathematics; or completion of core, Mathematics 222 and 9 units (crs) in math numbered 300 or above; or consent of instructor.

- **Mathematics 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Mathematics 467** 3 units (crs.)

Introduction to Real Analysis

This course offers a proof-oriented, abstract approach to many of the concepts covered in Calculus. Topics include real number properties, the topology of the real numbers, functions, limits of functions, continuity, uniform continuity, differentiation, integration, sequences, series, pointwise and uniform convergence of sequences of functions, and series of functions. Reading and writing proofs are an integral part of the course. 467/667

- **Mathematics 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study: e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing.

- **Mathematics 480** 3 units (crs.)

Introduction to Topology

An introduction to the fundamental concepts of point set topology. Topics are chosen from: general topological spaces, functions and continuity, open and closed sets, neighborhoods, homeomorphism, properties of topological spaces, subspaces, products, and quotients. Emphasis will be placed on proofs and examples, with particular attention given to metric spaces.

Prerequisite: Mathematics 222 and 273. 480/680

- **Mathematics 485** 2 units (crs.)

Seminar in Mathematical Problem Solving

General heuristic strategies applied to non-routine mathematical problems. Interactive problem solving and analysis by participants. Designed for communicators of mathematics. Prerequisite: Completion of core, Mathematics 222 and 9 units (crs.) in math numbered 300 or above. 485 (Spring)

- **Mathematics 490** 3 units (crs.)

Senior Seminar for Elementary and Middle School Programs

Seminar emphasizing problem solving and mathematical modeling in Elem/Middle School programs. Survey and study of research literature on the teaching and learning of mathematics, connections between the other courses in the mathematics minor. Experience with units from demonstration projects in middle school curriculum materials. Prerequisite: Senior status with major in elementary education and completion of 17 units (crs.) toward a minor in mathematics.

Medical Technology

Information

John Strous, Director
Department Office: Halsey Science Center 127
Department Telephone: 920-424-1487
Code 68 or MED TECH

Faculty

- McDermott, Strous

Degrees

- **Undergraduate:** A major in Medical Technology can lead to the degree(s): Bachelor of Science.
- **Graduate:** The Department does not offer a graduate program. However, students who complete a major in our Department may wish to consider advanced study at the University of Wisconsin Oshkosh in these programs: Microbiology, Education, Business. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - Graduates of the Medical Technology Program will demonstrate a broad foundation in basic chemistry, biology and microbiology. Medical Technology graduates will also demonstrate the theoretical knowledge and technical skills necessary to effectively function in the following major disciplines of Medical Technology: Clinical Chemistry, Hematology, Immunohematology (Blood Banking), Immunology and Microbiology.
 - Our Medical Technology graduates will be able to anticipate and correlate expected results within the disciplines of Medical Technology to provide identification and confirmation of disease processes. They will critically evaluate new analytical procedures and new instrumentation in order to keep pace with developing technologies.
 - Finally, UW Oshkosh Medical Technology graduates will be conscientious professionals in the clinical laboratory setting who can communicate with their peers, doctors and patients.

2. THE MAJOR(S)

- The Department offers a single major, the Medical Technology major.

3. THE MINOR(S)

- None

Admission/Graduation Requirements

- There is no formal admission process for this major. However, Medical Technology majors are required to work closely, on an ongoing basis, with the Medical Technology Office. Careful course sequencing and academic advisement are critical to students' successful completion of this major.
- Students attending other universities and considering a transfer to UW Oshkosh to major in Medical Technology should contact the Program Director for advice on course selection and the timing of their transfer. The application process for the senior clinical year begins near the end of the sophomore year and is completed early in/or prior to the beginning of the junior year. Because the clinical internship placement process is annual, missing just one required course can result in a yearlong delay in the completion of the major. Students, transfers or those changing majors, should contact the Program Director as soon as they begin to seriously consider the Medical Technology major. This will help to make the transition as seamless as possible.
- In order to graduate with a Medical Technology major, students must be selected for a clinical practicum by one of our affiliated hospital schools of Medical Technology/Clinical Laboratory Science. Selection into the clinical program is a competitive process based upon grade point average at the end of the sophomore year, letters of recommendation, and personal interviews. A grade point average in excess of 3.2 is recommended for a student to be competitive in the placement process for the clinical practicum. Students with a grade point average of less than 2.75 will be considered on an individual basis. Majors must make application for the clinical year through the Medical Technology Program. Note: Majors are required to undergo a criminal background check, mandated by state statute, as part of the selection process for their clinical practicum.

Required Core Courses

- This Major consists of a single program of study.

The Major(s), with Emphasis and/or Options

1. MEDICAL TECHNOLOGY MAJOR

- **Required Units (crs.):** 84 minimum

- **Required Courses:**
 - **Medical Technology:** Medical Technology 100, 403, 404, 411, 412, 413, 414, 416, 421, 422, 423, 431, 432.
 - **Chemistry:** Chemistry 105, 106, 235, 303, 304, 320, 335.
 - **Biology:** Biology 105 or 108; Biology 212 or 319; Biology 309 or 233; Biology 312, 313, 323, 341, 344.
 - **Mathematics:** Students must fulfill the Mathematics requirements for the Bachelor of Science Degree for the College of Letters and Science.
- **Other Required Courses:**
 - **Medical Technology:** Medical Technology 402, 420.
 - Students interning at Zablocki VA Medical Center, Milwaukee, would not take these courses. This material would be included in Medical Technology 413 and 421.
 - Students interning at other hospital affiliates would take these courses on the University of Wisconsin Oshkosh campus, at the end of their Junior year, as part of the clinical internship.
- **Electives:** For students who wish to take additional courses beyond the Minimum Requirement, these studies are recommended:
 - **Biology:** Biology 250, 315, 317, 340, 343, 350, 354, 374, 450.
- **Comment:**

The Medical Technology major is designed primarily to prepare students for a career in hospital laboratories. During the first three years of study, program requirements relate mainly to the Chemistry and Biology Departments. The fourth year of clinical study is taken at one of our affiliated hospitals.
- We are currently affiliated with the following hospitals:
 - Affinity Health System
 - St. Elizabeth Hospital - Appleton, WI
 - Mercy Medical Center - Oshkosh, WI
 - Aspirus Wausau Hospital - Wausau, WI
 - Marshfield Laboratories/St. Joseph's Hospital/Marshfield Clinic - Marshfield, WI
 - Clement J. Zablocki VA Medical Center - Milwaukee, WI
 - Sacred Heart Hospital - Eau Claire, WI

The Minor(s)

None

Course Offerings

- **Medical Technology 100** *1 unit (cr.)*

Introduction to Medical Technology

An orientation course required of all Freshman and transfer students intending to major in Medical Technology. Topics include: Historical development of the profession, organization and

function of a modern clinical laboratory, correlation of chemical and biological tests with disease states, student perspective of the clinical internship, government regulations, and professional and educational opportunities for the Medical Technologist. Students will also be required to visit a hospital laboratory to observe the daily routine of a Medical Technologist. Prerequisites: Majors or consent of Program Director. Pass/Fail (1+0)

- **Medical Technology 351** 1-2 units (crs.)

Selected Topics in Medical Technology

Includes an introduction to quality control, laboratory management and educational techniques as related to Medical Technology. Prerequisite: Clinical Internship Status. Pass/Fail

- **Medical Technology 402** 1 unit (cr.)

Immunohematology

An introduction to the theoretical and practical aspects of blood transfusion practices.

Prerequisite: Clinical Internship Status. (.5+1)

- **Medical Technology 403** 3 units (crs.)

Clinical Microbiology I

A study of general principles and techniques used in clinical microbiology and an introduction to the study of common pathogenic bacteria. Prerequisite: Clinical Internship Status. (1+4)

- **Medical Technology 404** 3 units (crs.)

Clinical Microbiology II

A detailed study of pathogenic bacteria and of methods for their identification. Prerequisite: Clinical Internship Status. (1+4)

- **Medical Technology 411** 4 units (crs.)

Clinical Hematology I

An introductory study of the hematopoietic system including diseases of the red blood cells; types, determination, and diseases of the hemoglobins. Prerequisite: Clinical Internship Status. (2+4)

- **Medical Technology 412** 3 units (crs.)

Clinical Hematology II

Study of the types of stains for blood cells, and special laboratory tests in clinical hematology; an investigation of stained blood smears and bone marrow smears. Prerequisite: Clinical Internship Status. (1+4)

- **Medical Technology 413** 1-2 units (crs.)

Clinical Blood Bank I

An introduction to immunological principles as applied to blood cells; theory and practice of blood collection, grouping, typing, and cross matching; detection, identification, and titration of selected antibodies. Prerequisite: Clinical Internship Status. (1+2)

- **Medical Technology 414** 2 units (crs.)

Clinical Blood Bank II

Study of blood and blood components; blood processing and blood bank records; infusion reactions; disease and blood banking. Prerequisite: Clinical Internship Status. (1+2)

- **Medical Technology 416** 3 units (crs.)

Clinical Immunology-Serology

A study of the basic principles of immunology and serology as applied to the identification of common hospital pathogens. Prerequisite: Clinical Internship Status. (1+4)

- **Medical Technology 420** 1 unit (cr.)

Introduction to Urinalysis

An introduction to the chemical, physical, and microscopic aspects of urinalysis and their relationship to renal function. Prerequisite: Clinical Internship Status. (.5+ 1)

- **Medical Technology 421** 1-2 units (crs.)

Clinical Urinalysis

Includes the theory of renal function, and the theoretical and practical aspects of chemical and microscopic urinalysis. Prerequisite: Clinical Internship Status. (1+2)

- **Medical Technology 422** 1 unit (cr.)

Clinical Parasitology

A study of the common pathogenic parasites and of methods for their identification and treatment. Prerequisite: Clinical Internship Status. (0+2)

- **Medical Technology 423** 1 unit (cr.)

Clinical Mycology

A study of common infectious fungi and of methods for their identification and treatment. Prerequisite: Clinical Internship Status. (0+2)

- **Medical Technology 431** 5 units (crs.)

Clinical Chemistry I

Covers the fundamental concepts in clinical biochemistry including a correlation of body chemical levels with normal and diseased states, and the study of a variety of analytical techniques for diagnosing diseases. Prerequisite: Clinical Internship Status. (3+4)

- **Medical Technology 432** 5 units (crs.)

Clinical Chemistry II

Includes a study of the chemistry of body fluids and the related analytical techniques for measuring chemical substances which aid in the diagnosis of diseases. Prerequisite: Clinical Internship Status. (3+4)

- **Medical Technology 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Medical Technology 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Medical Technology 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

Military Science

Information

Lt. Col. Jay Hopkins, Chairperson
Department Offices: Kolf Sports Center 148
Department Telephone: 920-424-3400
Code 70 or MIL SCI

Faculty

- Barone, Helm, Meza, Sorensen, Hopkins

Degrees

- **Undergraduate:** None. In combination with a major, the Military Science minor can lead to a baccalaureate degree. The professional course work of the four-year Military Science program (26 term units (crs.)) may be applied toward the requirements of any baccalaureate degree as elective unit (cr.).
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department does not offer a major.
3. **THE MINOR(S)**
 - The Department offers 1 minor: 1) Military Science.
4. **ARMY ROTC**
 - Reserve Officer Training Corps instruction at the University of Wisconsin Oshkosh follows a general Military Science Program, which combines theory and practical application of subject matter common to all branches of the Army. The Military Science Program is open to all students who meet the prerequisites, regardless of academic major.
5. **ARMY ROTC SCHOLARSHIP FINANCIAL ASSISTANCE**
 - Army ROTC scholarships are offered for four, three and two years and are awarded on merit to the most outstanding students who apply.

- Four-year scholarships are awarded to students who will be entering college as freshmen and also to Army enlisted personnel on active duty. Three-and two-year scholarships are awarded to students already enrolled in college and to Army enlisted personnel on active duty. Students who attend the Leadership Training Course (LTC) in lieu of the first two years of the Program may be awarded a two-year scholarship following completion of the course.
- Each scholarship pays for college tuition and educational fees, which are required of all students, and provides a fixed amount for textbooks, supplies and equipment. Each scholarship also includes a monthly cash allowance for every year the scholarship is in effect.
- Special consideration for an Army ROTC scholarship is given to students pursuing degrees in nursing, engineering, the physical sciences, and other technical skills currently in demand by the Army. Students who receive a scholarship will be required to attain an undergraduate degree in the field in which the scholarship was awarded.
- Non-scholarship cadets in the Advanced Course also receive a monthly cash allowance for each of the two years, as well as pay for attending the five-week Leadership Development Assessment Course (LDAC) during the summer. Students attending the Leadership Training Course (LTC) for the Two-Year Program also receive pay for this course.

Admission/Graduation Requirements

- **Professional Military Education (PME):** The Department of the Army PME requirement must be fulfilled prior to a student receiving a commission. This requirement encompasses three parts: baccalaureate degree; completion of MS Advanced Courses (Military Science 301, 302, 401, 402 and corresponding Leadership Labs) and Leadership Development and Assessment Course (LDAC); completion of an American Military History course. The Military History requirement requires students to take a pre-approved three-credit history class.
- The student who successfully completes the Army PME requirements is eligible for commissioning as a Second Lieutenant in the United States Army; either in an active or reserve capacity. Additionally, the Military Science Program offers a Simultaneous Membership Program (SMP), which allows students who are members of the Army National Guard or Army Reserve to enroll in the MS Advanced Course and receive a commission as a Second Lieutenant upon completion of the program.

Required Core Courses

- See sections following for courses required in specialized areas of study.

- Basic Program courses (Military Science 101, 102, 201, 202) are offered during the Fall and Spring Semesters. Students may receive up to 10 unit (cr.) hours. No military obligation is incurred for taking any of the Basic Program courses.

The Major(s), with Emphasis and/or Options

None

The Minor(s)

1. MILITARY SCIENCE MINOR

- **Required Units (crs.):** 32 minimum
- **Required Courses:**
 - **Military Science:** Military Science 101, 102, 201, 202, 301, 302, 401, 402 and one of the following: Political Science 105 or 115.
- **Electives:** Sufficient to meet the Minimum Requirement including these studies:
 - **History:** 367, 395, 398; Military Science 304, 305; Political Science 317.
- **Comment:**
Prior military service: Students who have at least 54 units (crs.), more than four months of active military duty, and have completed Basic Training in any of the armed services may be allowed to enroll in the Advanced Course ROTC without taking any of the Basic Program courses.

Course Offerings

- **Military Science 101** 2 units (crs.)
Leadership and Military Science I

This is an introductory course designed to focus on the fundamental components of service as an officer in the United States Army. Students are familiarized with individual values, leadership traits and the fundamentals of officer ship. Students also learn "life skills" of physical fitness, communication applications, both oral and written, as well as interpersonal relationships. The lab provides basic instruction on squad movement techniques and the six-squad tactical missions of patrolling, attack, defense, ambush, reconnaissance, and squad battle drills. Additionally, students learn basic map reading, first aid, physical fitness, and military formations to include basic marching techniques.

- **Military Science 102** 2 units (crs.)
Leadership and Military Science II

This course is an orientation to leadership theory and the fundamentals of the decision-making process by learning how to solve problems and develop critical thinking skills. Students develop leadership skills and the ability to learn goal-setting techniques while working in a group interaction setting. The lab continues to provide basic instruction on squad movement techniques and the six-squad tactical missions of patrolling, attack, defense, ambush, reconnaissance, and

the squad battle drills. Students are introduced to the operations order format. Additionally, students learn basic map reading, physical fitness, and basic marching techniques.

- **Military Science 201** 3 units (crs.)

Basic Leadership and Management I

Students learn how to resolve ethical problems by applying leadership theory and principles. Students learn self-development techniques such as the importance of stress management, time management, and the ability to solve problems. Lastly, students apply communication theory and skills in a leadership study focusing on problem solving. The lab applies basic leadership theory and decision-making during practical exercises in a field environment. Students continue to develop basic map reading, physical fitness, and basic marching techniques. Prerequisite: Military Science 101.

- **Military Science 202** 3 units (crs.)

Basic Leadership and Management II

Students focus primarily on leadership with an extensive examination of the unique purpose, roles, and obligations of commissioned officers. Students also focus, in detail, on the origin of our institutional values and their practical application in the decision-making process and leadership theory. Students use case studies to learn the Army's ethical decision-making process. The lab continues to apply basic leadership theory and decision-making during practical exercises in a field environment. Students continue to develop basic map reading, physical fitness and basic marching techniques. Prerequisite: Military Science 102.

- **Military Science 301** 4 units (crs.)

Advanced Leadership and Management I

Students are introduced to the Leader Development Program that will be used to evaluate their leadership performance and provide developmental feedback for the remainder of their cadet years. Cadets are then taught how to plan and conduct individual and small unit training, as well as basic tactical principles. Cadets will also learn reasoning skills and the military-specific application of these skills in the form of the army's troop. The lab reinforces small-unit tactical training while employing the troop leading procedures to accomplish planning and decision-making. Students continue to learn basic map reading, physical fitness and marching techniques. Prerequisite: Consent of department..

- **Military Science 302** 4 units (crs.)

Advanced Leadership and Management II

The course focus is doctrinal leadership and tactical operations at the small-unit level. Students are provided opportunities to plan and conduct individual and collective training for Army operations. Synthesizing training, leadership and team building is the primary focus. Upon completion, students possess the fundamental confidence and competence of leadership in a small-unit setting. The lab continues reinforcing small-unit tactical training while employing the troop leading procedure to accomplish planning and decision-making. Students also continue basic map reading, physical fitness, and basic marching techniques. Prerequisite: Consent of department.

- **Military Science 304** 3 units (crs.)

Military History of World War II

This course examines the Second World War from a global perspective, comparing the experiences of both the Axis and Allies. An in depth examination of the social, economic, political and technological factors that contribute to the execution of the war.

- **Military Science 305** 3 units (crs.)

U.S. Army Campaign History 1775 to Present

This course provides instruction on US Army Campaign history of offensive and defensive operations beginning with the American Revolutionary War. Also includes battle analysis.

- **Military Science 401** 4 units (crs.)

Applied Leadership and Management I

This course concentrates on leadership, management, and ethics, and begins the final transition from cadet to lieutenant. Students focus on attaining the knowledge and proficiency in several critical areas they need to operate effectively as Army officers. These areas include coordinating activities with staff, counseling theory and practice within the "Army Context," training management, and ethics. The lab sharpens the students' leadership skills as they perform as cadet officers. Students develop and possess the fundamental skills, attributes, and abilities to operate as competent leaders in a cadet battalion. They must confidently communicate to subordinate cadets their preparedness to shoulder the responsibilities entrusted to them. Prerequisite: Consent of department.

- **Military Science 402** 4 units (crs.)

Applied Leadership and Management II

Students learn the legal aspects of decision-making and leadership. Instruction introduces the student to the organization of the Army from the tactical to the strategic level. Students learn administrative and logistical management focusing on the fundamentals of soldier and unit level support. Practical exercises require the student, both individually and collectively, to apply their knowledge to solve problems and confront situations commonly faced by junior officers. The lab continues to sharpen the students' leadership skills. Students normally change leadership positions to hone their skills, attributes, and abilities as leaders. Again, they must confidently communicate to subordinate cadets their preparedness to shoulder the responsibilities entrusted to them. Prerequisite: Consent of department.

- **Military Science 421** 1-3 units (crs.)

Contemporary Leadership and Management

Military Science students and graduates from Military Science, with consent of department chairperson, can participate in an intensive reading, writing and training program examining contemporary military leadership and training requirements. Planning, conducting, and evaluating training will be the primary focus. Prerequisite: Consent of department chairperson.

- **Military Science 431** 1-3 units (crs.)

Advanced Contemporary Leadership and Management

Military Science students and graduates from Military Science, with the consent of department chairperson, can participate in an intensive reading, writing and training program examining contemporary military leadership and training. Writing lesson plans, operation orders, and conducting training will be the primary focus. Prerequisite: Consent of department chairperson.

- **Military Science 474** 3 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and senior standing.

Music

Information

Carl Chapman, Chairperson
Department Office: Arts and Communications N206/210
Department Telephone: 920-424-4224
CODE 73 or MUSIC

Faculty

- Andrews, Astolfi, Atwell, Bahcall, Borgerding, Chapman, Chaudoir, Gainacopulos, Hoffmeister, Kalman, Liske, Martin, McWilliams, Messner, Robinson, Shaw.

Degrees

- **Undergraduate:** A major in Music can lead to the degree: Bachelor of Arts, Bachelor of Science, Bachelor of Music. A major in Music Education can lead to the degree: Bachelor of Music Education.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers 2 majors. These are: 1) Music, 2) Music Education. Within the Music major, the Department offers a choice of these 4 emphases: 1) Instrumental Performance, 2) Piano Performance, 3) Vocal Performance, 4) Music Industry.
 - Bachelor of Arts and Bachelor of Science programs are also offered.
 - Within the Bachelor of Arts program, the Department offers an emphasis in Composition.
 - Within the Music Education major, the Department offers a choice of these 3 emphases: 1) Choral, 2) General Music, 3) Instrumental.
 - Within the Music Industry emphasis of the Music Major, the Department offers 3 options: 1) Recording Technology; 2) Music Business; 3) Music Business and Recording Technology.
3. **THE MINOR(S)**

- The Department offers 2 minors: 1) Music (Non-teaching), 2) Music Industry.

Admission/Graduation Requirements

- Entering students must complete an entrance audition, which includes the following, prior to registration:
 - successful completion of an audition in the student's primary performance area;
 - successful completion of the freshman theory diagnostic test (a satisfactory score is a prerequisite to registration in Music 107 and Music 173).
- A special audition is required for admission to the Bachelor of Music Performance program. The student will audition at the end of the first year of applied study.
- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Music major or minor. Refer to the following sections for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.
- A 2.5 grade point average is required for admission to the Internship in Music Industry.
- If a student earns less than a C in any Music Theory course (Music 107/108/204/206) or any Aural Skills course (Music 173/174/273/274) that course must be repeated in the next academic year or progress as a music major stops and the student can no longer declare music as a major.
- If, in any semester after that in which a student first earns a grade less than C, the student earns another grade less than C in any of the Music Theory or Aural Skills courses listed above, then progress as a music major stops and the student can no longer declare music as a major.

Required Core Courses

- **Music**
 - Music 019 Senior Recital 0 cr.
 - Music 107 Music Theory I 3 cr.
 - Music 108 Music Theory II 3 cr.
 - Music 116 Introduction to Music Literature 2 cr.
 - Music 147 Class Piano I 1 cr.
 - Music 148 Class Piano II 1 cr.
 - Music 173 Aural Skills I 1 cr.
 - Music 174 Aural Skills II 1 cr.
 - Music 204 Music Theory III 3 cr.
 - Music 205 Survey of Music History I 3 cr.
 - Music 206 Music Theory IV 3 cr.

- Music 207 Survey of Music History II 3 cr.
- Music 273 Aural Skills III 1 cr.
- Music 274 Aural Skills IV 1 cr.
- **Other Core Requirements:**
 - Registration for the Music Department's weekly convocation. Grades of "P" in eight semesters of Convocation courses are required for graduation. Transfer students are required to earn a grade of "P" each semester they are in residence at UW Oshkosh.
Registration for a large ensemble in the student's major area (vocal: choir; instrumental: band or orchestra; keyboard or guitar: choir, band, or orchestra) each term the student is in attendance.
- **Comment:**
Students must achieve a grade of C, or higher, in all core courses and in all Applied Music courses (including voice classes) before progressing to the next course in any sequence.

Majors/minors may apply a maximum of 8 units (crs.) of participation in concert organizations toward the 120 units (crs.) required for graduation. Non-music majors or minors may apply a maximum of 4 units (crs.) toward the 120 units (crs.) required for graduation.

The Music Department does not allow any grade replacement repeats for the following music participation courses: Music 100, 111, 121, 123, 127, 129, 131, 141, 151, 208, 233, 234, 308, 311, 321, 323, 327, 329, 331, 333, 341, 349, and 351.

Students must register for primary applied music courses until program requirements have been met. (Non-music majors are required to pay a special fee for applied music lessons.)

The Major(s), with Emphasis and/or Options

1. MUSIC MAJOR

Recommended for students who plan to pursue music as a profession in areas other than Music Education.

- **Required Courses:** Required courses for each emphasis are included in the following paragraphs.
- **Comment:** Students are required to select one of the following emphases. Students completing the Liberal Arts and Composition Emphases are eligible to earn the Bachelor of Arts or the Bachelor of Science degree. Students completing all other emphases will receive the Bachelor of Music degree.

A. Composition Emphasis

Recommended for students who wish to pursue the study of music composition with a liberal arts framework.

- **Required Units (crs.):** 60 minimum in music

- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 247, 248, 306, 307, 347, 348, 387 or 388, 447, 448.
 - **8 units (crs.)** Primary applied music.
 - **8 units (crs.)** Large ensemble.
 - **Electives:** 54 units (crs.) to meet the COLS/BA requirements
 - **Electives:** 6 units (crs.) open electives.

B. Instrumental Performance Emphasis

Recommended for students who plan a career in instrumental performance or in studio teaching at other than elementary or secondary levels. A special entrance audition is required for admission to this program.

- **Required Units (crs.):** 82 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 009, 306, 307, 387.
 - **Two courses from:** Music 403, 404, 405.
 - **4 units (crs.) from:** Music 208, 308.
 - **4 units (crs.) from:** Music 261, 263, 265, 267
- **Other Requirements:** A minimum of 28 units (crs.) in the student's primary applied area, of which at least 12 must be at the upper level. Students must follow the Instrumental Performance syllabus appropriate to the area of primary applied study.
- **Electives:** Sufficient to meet the Minimum Requirement:

C. Piano Performance Emphasis

Recommended for students who plan a career in piano performance, or in teaching studio piano at other than the elementary or secondary levels. A special entrance audition is required for admission to this program.

- **Required Units (crs.):** 82 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 009, 306, 307, 387 or 388, 476, 477, 478.
 - **Two courses from:** Music 303, 403, 404, or 405.
 - **4 units (crs.) from:** Music 208 and 308.
- **Other Requirements:** A minimum of 28 units (crs.) in applied piano of which at least 12 must be at the upper level.
- **Electives:** Sufficient to meet the Minimum Requirement:

D. Vocal Performance Emphasis

Recommended for students who plan a career in vocal performance or in teaching studio voice at other than the elementary or secondary level. A special entrance audition is required for admission to this program.

- **Required Units (crs.):** 82 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 009, 303, 304, 306, 307, 388, 405, 485.
 - **Two courses from:** Music 303, 304, 405.
 - **4 units (crs.) from:** Music 111, 311
- **Other Requirements:** A minimum of 28 units (crs.) in applied voice, of which at least 12 must be at the upper level.
- **At least two semesters** of French and/or German Language.
- **Electives:** Sufficient to meet the Minimum Requirement

E. Music Industry Emphasis

Recommended for students who plan a career in the various areas of the music industry.

1) Music Business Option

- **Required Units (crs.):** 86 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Business:** Business Administration 198, 204, 352.
 - **One course from the following:** Business 210, 371, 372, 376 or 379. *Completion of the Business minor will substitute for all required business courses above.*
 - **English:** English 309.
 - **Music:** Music 119, 120, 306 or 307, 314, 355, 356, 415, 444.
- **Other Requirements:** A minimum of 12 units (crs.), in the student's primary applied area, of which at least 4 must be at the upper level.
- **Electives:** Sufficient to meet the Minimum Requirement including these studies:
 - **Economics:** Economics 106, 206 or 207

2) Recording Technology Option

Recommended for students who plan a career as a recording technician.

- **Required Units (crs.):** 81 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Business:** Business 198, 204 and 352.
 - *One course from the following:* Business 210, 371, 372 or 376 or 379. *Completion of the Business minor will substitute for all required business courses above.*
 - **English:** English 309
 - **Music:** Music 113, 114, 214, 300, 306 or 307, 314, 330, 357, 358, 359, 414, 445.
- **Other Requirements:** A minimum of 12 units (crs.) in the student's primary applied area, of which at least 4 must be at the upper level.
- **Electives:** Sufficient to meet the Minimum Requirement including:
 - **Economics:** Economics 106, 206 or 207

3) Music Business and Recording Technology Option

- **Required Units (Crs.):** 76 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 113, 114, 119, 120, 214, 300, 305, 306 or 307, 314, 355, 357, 414 or 415, 444 or 445 (must be approved by Music Industry faculty).
 - **Applied credits** (4 upper level) 10 crs.
 - **Major Ensemble** 8 crs. (8 semesters)
 - **Optional:** Video/film, additional Techniques (ww/brass/string/perc), additional Practicum, additional applied study in either area.
 - **Business (12 credits total):** Business 198, 204, 371, 379.
- **Electives:** Sufficient to meet the minimum requirement including these studies:
Economics 206; English 309.

F. Liberal Arts Emphasis

Recommended for students who wish to obtain a broad education in Music.

- **Required Units (crs.):** 48 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 306, 307.
 - **One course from:** Music 303, 304, 403, 404, 476, 477

- **Other Requirements:** A minimum of 12 units (crs.) in the student's primary applied area, of which at least 4 must be at the upper level.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.

2. MUSIC EDUCATION MAJOR

Recommended for students who plan to teach music in public or private elementary and secondary schools.

- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 145, 275, 276.
 - **One course from:** Music 303, 304, 403, 404, 405, 476, 477.
- **Other Requirements:** All courses for licensure as established by the State Department of Public Instruction and the College of Education and Human Services are also required. Students must meet the Human Relations Code requirement. (See Required Core Courses for the College of Education and Human Services.) All Music Education Majors must pass a piano proficiency examination.
- **Comment:** Students are required to select only one of the emphases specified in the following paragraphs. However, it is strongly recommended that all students complete the General Music emphasis with the option of an additional emphasis in either Choral or Instrumental Music.
Students completing all undergraduate baccalaureate degree requirements of the Music Department and all College of Education and Human Services undergraduate degree requirements will receive the Bachelor of Music Education Degree.

See paragraphs following for courses required in specific emphases.

A. General Music Emphasis

Recommended for students who plan to teach music classes in the public and/or private elementary and/or secondary schools. Preparation is for those courses termed "general music".

- **Required Units (crs.):** 61 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 176, 179 or 180, 182 or 183, 184 or 185, 215, 216 or 218, 275, 276, 277, 306, 307, 375, 377, 384, 386, 387 or 388, 485.
- **Other Requirements:** A minimum of 10 units (crs.) in the student's primary applied area, of which at least 4 units (crs.) must be at the upper level.
- **Electives:** Sufficient to meet the Minimum Requirement

B. Choral Emphasis

Recommended for students who plan to direct choirs in public or private secondary schools.

- **Required Units (crs.):** 61 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 111 or 311, 176, 275, 276, 277, 306, 307, 375, 377, 385, 388, 389, 485.
- **Other Requirements:** A minimum of 12 units (crs.) in the student's primary applied area (voice or piano), of which at least 4 units (crs.) must be at the upper level. Piano majors must have at least 6 units (crs.) of voice. Voice majors must have at least 6 units (crs.) of piano. Participation in a major choral ensemble is required each term.
- **Electives:** Sufficient to meet the Minimum Requirement.

C. Instrumental Emphasis

Recommended for students who plan to direct bands or orchestras in the public or private elementary and secondary schools.

- **Required Units (crs.):** 61 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Music:** Music 176, 182, 275, 276, 277, 301, 306, 307, 375, 377, 387, 399.
 - **3 units (crs.) from the following:** Music 261, 263, 265, 267, 362, 363, 365.
- **Other Requirements:** A minimum of 12 units (crs.) in the student's primary applied area, of which at least 4 units (crs.) must be at the upper level. Three units (crs.) from secondary applied areas, above, are required of instrumental music education majors. Two of these units (crs.) must be from secondary applied areas outside the student's primary applied area. The related instrumental techniques course is a prerequisite to the study of a secondary instrument.
- **Electives:** Sufficient to meet the Minimum Requirement

The Minor(s)

1. MUSIC (NON-TEACHING) MINOR

Recommended for students who wish to pursue a Music minor in a non-teaching area.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Music :** Music 107, 108, 116
- **Other Requirements:** Four semesters of 1 unit (cr.) each in the student's primary applied area. 8 units (crs.) of Music elective courses and 4 units (crs.) of band, chorus, or orchestra participation.
- **Electives:** Additional courses beyond the Minimum Requirement may be taken from the Department's offerings.

2. MUSIC INDUSTRY MINOR

Recommended for students with an interest in the music business and recording industries who wish to pursue a Music minor without a performance requirement.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Music:** Music 102, 113, 114, 119, 120, 314
- **Other Requirements:** Once course from the following:
 - **Music:** Music 215, 216, 218, 219, 221
- **Electives:** 5 units (crs) selected from any music offerings, including ensembles.

Course Offerings

- **Music 9** 0-0 units (crs.)
Junior Recital

Required of the performance major. An elective course for any other student who qualifies.
Prerequisite: Upper division status in applied music and consent of instructor. Majors only.
Pass/Fail course.

- **Music 16** 0-0 units (crs.)

Convocation

Weekly meeting required for all music majors. Objectives are to develop an appreciation for and an awareness of the breadth of the field of music and to explore topics designed to enhance the core curriculum such as performance health and world music. Activities include lectures, workshops, and performances. Pass/Fail Prerequisite: Majors only.

- **Music 19** 0-0 units (crs.)

Senior Recital

Required of all music majors. Prerequisite: Upper division status in applied music and consent of instructor. Pass/Fail course.

- **Music 100** 1 unit (cr.)

Jazz Choir

An elective course open to all University students. Prerequisite: Qualifying audition.

- **Music 102** 3 units (crs.)

Theory of Music for the General Student (HU)

A course designed to acquaint the non-majors or non-minors in music with the basic materials which make up the art of musical sound.

- **Music 107** 3 units (crs.)

Music Theory I

A course for the music major and minor that introduces rudiments, species counterpoint, and four-part writing. Prerequisites: Passing grade on theory placement test. Majors and minors only. Co-requisite: Music 173.

- **Music 108** 3 units (crs.)

Music Theory II

Part-writing and analysis of diatonic materials, inversions, seventh chords, techniques of prolongation, basic forms. Prerequisite: Music 107. Co-requisite: Music 174.

- **Music 111** 1 unit (cr.)

University Opera Theatre

A study of opera materials and methods of production, culminating in an actual production of scenes or an opera each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 113** 2 units (crs.)

Recording Studio Techniques I

The fundamentals of sound and the recording process with emphasis on basic acoustics and transducers used to convert acoustical energy into storable magnetic impulses. Prerequisite: Consent of instructor.

- **Music 114** 2 units (crs.)

Recording Studio Techniques II

Emphasis placed on mixers, signal processing equipment, and sound monitoring, and including operational knowledge of studio gear. Prerequisite: Music 113 or consent of instructor.

- **Music 116** 2 units (crs.)

Intro to Music Literature

Units on: 1) materials of music; 2) listening and score reading; 3) Western and non-western music literature. Prerequisite: Music 107.

- **Music 119** 3 units (crs.)

Music Retail and Manufacturing

A detailed exploration of the various segments of the music industry as they relate to music retail. Areas of study will include operating and managing music stores, the manufacture and the distribution of music products and recordings, instrument repair, piano tuning and repair, and an overview of career opportunities within the music industry. No prerequisite, open to all students.

- **Music 120** 3 units (crs.)

Music Industry and Performance

A detailed examination of segments of the music industry that relate to music performance. Topics include: Music licensing, performance royalties, unions and guilds, artist management, booking agents, concert promotion, artist contracts, the music print business, performing rights organizations, and copyright history and laws pertaining to printed music. No prerequisite, open to all students.

- **Music 121** 1 unit (cr.)

University Wind Ensemble

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Music 122** 1-4 units (crs.)

Horn

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 123** 1 unit (cr.)

Symphonic/Concert Band

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 124** 1-4 units (crs.)

Trumpet

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 126** 1-4 units (crs.)

Trombone

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 127** 1 unit (cr.)

Jazz Lab Band

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 128** 1-4 units (crs.)

Euphonium

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 129** *1 unit (cr.)*

Percussion Ensemble

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 130** *1-4 units (crs.)*

Tuba

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 131** *1 unit (cr.)*

University Choir

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 136** *1-4 units (crs.)*

Violin

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 137** *1-4 units (crs.)*

Viola

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 138** *1-4 units (crs.)*

Violoncello

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 139** *1-4 units (crs.)*

Double Bass

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 140** *1-4 units (crs.)*

Flute

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 141** *1 unit (cr.)*

University Symphony

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 142** *1-4 units (crs.)*

Oboe

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 143** *1-4 units (crs.)*

Bassoon

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 144** *1-4 units (crs.)*

Clarinet

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 145** *2 units (crs.)*

Intro Music Ed

An introductory course in Music Education for the following purposes: To introduce students coming into the music education program to some of the major facets of music education. To assist prospective music education teachers in career choices. To acquaint prospective music educators with the multi-faceted role of the arts in the school setting with implications for society at large.

- **Music 146** *1-4 units (crs.)*

Saxophone

Private lessons for the music major or minor covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 147** *1 unit (cr.)*

Class Piano I

Designed for music majors with limited or no keyboard background and will include exercises in reading, transposition, harmonization, playing by ear and improvisation, as well as keyboard theory, technique, ensemble, and solo repertoire. Prerequisite: Placement by audition. Majors and minors only. Special course fees may apply.

- **Music 148** *1 unit (cr.)*

Class Piano II

Builds upon the keyboard skills acquired in Music 147, continuing to develop comfort, fluency, and functionality at the keyboard through intense exercises in reading, transposition, harmonization, playing by ear and improvisation, as well as keyboard theory, technique, ensemble, accompaniment and solo repertoire. Prerequisite: Music 147 or placement by audition. Majors and minors only. Special course fees may apply.

- **Music 149** *1 unit (cr.)*

Functional Keyboard Skills for Pianists I

A functional keyboard skills course for music majors with piano as their primary applied instrument which focuses on the development of sight-reading, transposition, harmonization, score reading, keyboard harmony, playing by ear, improvisation and jazz chording. Prerequisite: Consent of instructor.

- **Music 150** *1 unit (cr.)*

Functional Keyboard Skills for Pianists II

A functional keyboard skills course for music majors with piano as their primary applied instrument which builds upon the skills acquired in Music 149 focusing on the development of more advanced sight-reading, transposition, harmonization, score reading, keyboard harmony, playing by ear, improvisation, and jazz chording. Prerequisite: Consent of instructor.

- **Music 151** 1 unit (cr.)

University Women's Chorus

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 161** 1-2 units (crs.)

Organ

Private lessons for the music major or minor. Covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 169** 1-2 units (crs.)

Harp

Private lessons for the music major or minor. Covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 170** 1 unit (cr.)

Secondary Piano

A course to be used as an elective in the Bachelor of Music Education major depending on particular student needs. Prerequisite: Music 276 or consent of instructor.

- **Music 171** 1-4 units (crs.)

Piano

Private lessons for the music major or minor. Covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 173** 1 unit (cr.)

Aural Skills I

A course for music majors and minors combining sight singing and ear training covering materials and reinforcing concepts drawn from Music 107. Co-requisite: Music 107 and Music 147.

- **Music 174** 1 unit (cr.)

Aural Skills II

A course for music majors and minors combining sight singing and ear training covering materials and reinforcing concepts drawn from Music 108. Prerequisites: Music 107 and 173. Co-requisite: Music 108.

- **Music 176** 1 unit (cr.)

Brass Techniques

A practical study of brass instruments for music majors including methods of teaching brass in class or private lessons. Special course fees may apply.

- **Music 179** 1-2 units (crs.)

Guitar

Private lessons for the music major or minor. Covering appropriate technique and literature for the undergraduate performance level. Open to other University students with the permission of the department chair and instructor.

- **Music 180** *1 unit (cr.)*

Guitar Class

A basic course in beginning guitar techniques. Prerequisite: Majors and minors only. Others with department consent. Non-majors and non-minors are required to pay a special fee.

- **Music 181** *1-4 units (crs.)*

Voice

Private lessons for music majors and minors. Prerequisite: Music 183 and qualifying audition. Non-majors and minors are required to pay a special fee.

- **Music 182** *1 unit (cr.)*

Voice Class I

A beginning course for the non-voice emphasis music major and the non-music major. This class is taught in a group setting and includes instruction in such basic vocal performance areas as: vocalization, rounds, two part songs, and beginning solo literature.

- **Music 183** *1 unit (cr.)*

Applied Voice Class

A beginning course for the voice emphasis student with a music major or minor. This required class is taught in a group setting and includes instruction in solo vocal performance, vocal terminology, and the study of the IPA (International Phonetic Alphabet) for singers. Prerequisite: Qualifying audition.

- **Music 184** *1 unit (cr.)*

Voice Class II

Same as Music 182 at a more advanced level of proficiency. This course is for the non-voice music major and the non-music major. Prerequisite: Grade of C or higher in Music 182.

- **Music 185** *1 unit (cr.)*

Applied Voice Diction

A beginning course for the voice emphasis student with a music major or minor. Class instruction includes an introduction to singing diction in Italian, German, and French languages. To be taken concurrently with the first term of Music 181. Prerequisite: Music 183.

- **Music 191** *1-4 units (crs.)*

Percussion Instruments

Private lessons for music majors or minors covering appropriate technique and literature for the undergraduate performance level. Open to other University students with consent of department chair and instructor.

- **Music 204** *3 units (crs.)*

Music Theory III

Emphasis on chromatic materials, including modulation, tonicization, modal mixture, altered pre-dominant harmonies. Prerequisite: Music 108. Co-requisite: Music 273.

- **Music 205** *3 units (crs.)*

Survey of Music History I

Music in every genre from antiquity to the Classical Era. Prerequisite: Music 116.

- **Music 206** *3 units (crs.)*

Music Theory IV

Advanced Chromatic materials, enharmonic respelling, post-tonal and serial theory and analysis. Prerequisite: Music 204. Co-requisites: Music 274.

- **Music 207** *3 units (crs.)*

Survey Music History II

Music in every genre from the Classical Era to the present day. Prerequisite: Music 205.

- **Music 208** 1 unit (cr.)

Chamber Music

A course for music majors and minors in performance of various types of small ensemble music. Open to all University students. Prerequisite: Qualifying audition.

- **Music 214** 3 units (crs.)

Recording Studio Procedures

A hands-on course in procedures in the recording studio, with experiences in recording, overdubbing and mixdown operations. Open only to Recording Technology majors. Prerequisite: Music 114. Special course fees may apply.

- **Music 215** 3 units (crs.)

African-American Popular Music: Rock and Roll (ES)

This course will study African-American popular music as it develops into the music commonly known as rock and roll. The study begins with the remnants of African musical traits that survived slavery and traces them through blues, ragtime, jazz to jump blues and rhythm and blues. From that point in the late 1940s, the course will catalog the development of the various sub-styles: doo-wop, rockabilly, rhythm and blues crossover, girls' groups, Motown, Memphis, surf, British invasion, funk, jazz-rock, art-rock, disco, metal, new wave, and punk. The discussion will focus on the musical traits of each, the relationship to African-American popular music, and the societal effects on the music as well as the music's effect on society.

- **Music 216** 3 units (crs.)

The Evolution of Jazz (HU)

This course will study jazz music by tracing its lineage from its roots in slavery, work songs, and civil-war-era spirituals to its evolution into what many regard as America's greatest art form. All eras of jazz will be discussed, including blues, Dixieland jazz, big band swing, bebop, hard bop, free jazz, fusion, smooth jazz, and modern jazz. Students will be carefully studying recordings throughout the semester and will develop an ability to place the various styles of the jazz music into their important historical and cultural contexts, noting the societal effects on the music as well as the music's effect on the American society. The course is open to all university students.

- **Music 218** 3 units (crs.)

Survey of American Music (HU) (ES)

America's musical heritage is almost four hundred years old. Like the country itself, America's musical history is a story that may be told from many perspectives. The American musical tradition includes a multitude of styles: religious, secular, classical, popular, folk, patriotic, jazz, rock, etc. The aim of this course is to acquaint the student, via a general survey of this rich tradition, with an understanding of America's musical past and present. In pursuit of this goal, the many American musical traditions included in this survey will be viewed in their historical, geographical, cultural, sociological, economic, technological, or religious contexts. Secondary goals of this course are to increase the student's musical awareness and listening skills, to develop and expand the student's understanding of the elements of music, and to develop a working musical vocabulary. Open to all university students.

- **Music 219** 3 units (crs.)

Music and Culture: Optional Content (HU)

A study of the music of various historical and/or contemporary cultures. Topics may include music of western and/or non-western cultures, specific composers, genres, cultural topics, or historical eras in western music. This course may be offered with different content. With a

different subtitle, it may be taken twice with signature of department chair. Open to all University students.

- **Music 220** 3 units (crs.)

Advanced Music Merchandising

A survey of International Copyright agreements and music licensing, music advertising, and the record industry as it pertains to advertising and sales. Prerequisite: Music 120.

- **Music 221** 3 units (crs.)

Honors: Music and Culture (HU)

Presents a series of listening and viewing experiences that explore the elements of music and the history and evolution of musical styles. Musical diversity will be emphasized and current musical topics will be explored in depth through discussion and written essays. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **Music 233** 1 unit (cr.)

Music Theatre

Participation in the musical aspects of the performance. This may take the form of either stage or pit participation.

- **Music 234** 1-1.5 units (crs.)

Music Theatre Participation

Participation in the musical aspects of the performance. This may take the form of either stage or pit participation.

- **Music 243** 3 units (crs.)

Women in the Arts: Encounters (HU)

Women in the Arts: Encounters is a team-taught interdisciplinary course which provides an overview of the significant contributions of women in the arts, while offering a critical look at individual achievements and at societal attitudes and limitations which have impacted the nature and direction of women's artistic output. Students will gain hands-on experience through guided studio work in music, visual art and theater and the combination of these are forms via collaborative projects. Students may receive credit for only one of the cross-listed courses

- **Music 247** 2 units (crs.)

Composition I

A study of the basic rudiments of music composition through the assignment of vocal and instrumental projects taught in a classroom environment. Prerequisite: Music 206 or consent of instructor.

- **Music 248** 1-2 units (crs.)

Composition II

Individual study of the art of music composition. Assigned projects for instrumental and vocal solos or small ensembles. Introduction to the use of computer technology in the field of music composition. Prerequisite: Music 247 or consent of instructor.

- **Music 261** 1 unit (cr.)

Applied Percussion Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 263** 1 unit (cr.)

Applied Woodwind Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 265** 1 unit (cr.)

Applied Brass Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 267** 1 unit (cr.)

Applied String Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 273** 1 unit (cr.)

Aural Skills III

Sight-singing and ear training covering materials and reinforcing concepts drawn from Music 204. Prerequisites: Music 108 and 174. Co-Requisites: Music 204.

- **Music 274** 1 unit (cr.)

Aural Skills IV

Sight-singing and ear training covering materials and reinforcing concepts drawn from Music 204. Prerequisites: Music 108 and 174. Co-Requisites: Music 204.

- **Music 275** 1 unit (cr.)

Piano Skills for Music Educators I

First of two courses specifically designed to provide music education music majors with the functional keyboard skills necessary for effective utilization of the piano as a teaching tool in the classroom. Emphasis will be on the development of comfort and fluency at the piano in the form of exercises in harmonization, transposition, the establishment of a repertory of traditional songs, score reading, accompaniments, sight-reading, technical exercises and intermediate-level solo repertoire. Prerequisite: Music 148 or placement by audition. Music Education majors only. Special course fees may apply..

- **Music 276** 1 unit (cr.)

Piano Skills for Music Educators II

Continues to develop comfort and fluency at the piano in the form of exercises in harmonization, transposition, the establishment of a repertory of traditional songs, score reading, accompaniments, sight-reading, technical exercises and intermediate-level solo repertoire. Prerequisite: Music 275 or placement by audition. Music Education majors only. Special course fees may apply..

- **Music 277** 1 unit (cr.)

String Instrument Techniques

A practical study of string instruments for music majors including methods of teaching strings in class and private lessons. Special course fees may apply.

- **Music 300** 2 units (crs.)

MIDI Studio Techniques

An overview of all aspects of the MIDI production studio: MIDI language and functions, instruments, sequencing, score production, editing, synchronizing, and printing through hands-on experience. Prerequisite: Recording Major, Business/Recording Major, or consent of instructor.

- **Music 301** 2 units (crs.)

Teaching and Supervising Instrumental Music

Organization, development, and administration of an instrumental program in the primary and secondary schools. Prerequisite: Instrumental Music Education majors with junior standing and Admission I.

- **Music 303** 2 units (crs.)

History and Literature of the Art Song

Elective course for all vocal majors, but open to all majors in music. Required for Bachelor of Music Voice Performance majors. Prerequisite: Music 205 and 207. 303/503.

- **Music 304** 2 units (crs.)

History and Literature of Opera

Elective course for all vocal majors, but open to all majors in music. Required for Bachelor of Music Voice Performance majors. Prerequisite: Music 205 and 207. 304/504.

- **Music 305** 2 units (crs.)

Session and Mixdown Techniques

A laboratory course designed to give students supervised recording studio experience. All aspects of production previously studied on a topical basis will be combined into a usable methodology for the student engineer. Upon successful completion of this course the student will be competent with studio procedures and with his/her role as engineer, producer, and musician. Special course fees may apply.

- **Music 306** 1-2 units (crs.)

Form and Analysis

A study of the forms and analysis of the materials as found in music of the Traditional and Modern periods of music. Prerequisite: Music 206.

- **Music 307** 2 units (crs.)

Instrumentation

A study of range, facility, and timbral quality of the instruments of the modern symphony orchestra and how they function in various combinations both within and beyond traditional orchestral settings. Prerequisite: Music 206 or consent of instructor.

- **Music 308** 1 unit (cr.)

Chamber Music

A course for music majors and minors in performance of various types of small ensemble music. Open to all University students. Prerequisite: Qualifying audition and junior standing.

- **Music 311** 1 unit (cr.)

University Opera Theatre

A study of opera materials and methods of production, culminating in an actual production of scenes or an opera each term. Open to all University students. Prerequisite: Qualifying audition and junior standing. 311/611

- **Music 313** 1-3 units (crs.)

Topics in Music

Special topics in music to be researched and prepared in written reports or presented in performance. Prerequisite: Consent of instructor.

- **Music 314** 3 units (crs.)

Record Industry Operations

A study of the internal workings of a recording studio. Contracts, publishing, management, advertising, and the roles of engineer and producer will be areas of concentration. Prerequisite: Music 214 or consent of instructor.

- **Music 319** 3 units (crs.)

Music Methods for Elementary Classroom Teachers

An interdisciplinary music methods course for Elementary Education majors. Prerequisite: Admission I

- **Music 321** 1 unit (cr.)

University Wind Ensemble

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition and junior standing. 321/621

- **Music 322** 1-4 units (crs.)

Horn

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 122 and qualifying audition.

- **Music 323** 1 unit (cr.)

Symphonic/Concert Band

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition and junior standing.

- **Music 324** 1-4 units (crs.)

Trumpet

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 124 and qualifying audition.

- **Music 326** 1-4 units (crs.)

Trombone

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 126 and qualifying audition.

- **Music 327** 1 unit (cr.)

Jazz Ensemble

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 328** 1-4 units (crs.)

Euphonium

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 128 and qualifying audition.

- **Music 329** 1 unit (cr.)

Percussion Ensemble

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition.

- **Music 330** 1-4 units (crs.)

Tuba

Private lessons for the music major or minor. Covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 130 and qualifying audition.

- **Music 331** *1 unit (cr.)*

University Choir

The ensemble gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition and junior standing. 331/631

- **Music 333** *1 unit (cr.)*

Chamber Choir

An ensemble for performance of chamber choral literature. Open to all University students. Prerequisite: Qualifying audition. 333/633

- **Music 336** *1-4 units (crs.)*

Violin

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 136 and qualifying audition.

- **Music 337** *1-4 units (crs.)*

Viola

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 137 and qualifying audition.

- **Music 338** *1-4 units (crs.)*

Violoncello

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 138 and qualifying audition.

- **Music 339** *1-4 units (crs.)*

Double Bass

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 139 and qualifying audition.

- **Music 340** *1-4 units (crs.)*

Flute

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 140 and qualifying audition.

- **Music 341** *1 unit (cr.)*

University Symphony

The group gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition and junior standing. 341/641

- **Music 342** *1-4 units (crs.)*

Oboe

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 142 and qualifying audition.

- **Music 343** *1-4 units (crs.)*

Bassoon

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 143 and qualifying audition.

- **Music 344** *1-4 units (crs.)*

Clarinet

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 144 and qualifying audition.

- **Music 345** *3 units (crs.)*

Jazz Theory and Improvisation

A course for music majors in the materials of jazz music. Prerequisite: Music 204 and Music 273. 345/545

- **Music 346** *1-4 units (crs.)*

Saxophone

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 146 and qualifying audition.

- **Music 347** *1-2 units (crs.)*

Composition III

Individual study of the art of music composition. Assigned projects for chamber instrumental and vocal ensembles. May be repeated for credit. Prerequisite: Music 248 and consent of instructor.

- **Music 348** *1-2 units (crs.)*

Composition IV

Individual study of the art of music composition. Assigned projects for chamber instrumental and vocal ensembles. May be repeated for credit. Prerequisite: Music 347 and consent of instructor.

- **Music 349** *1 unit (cr.)*

Early Music Ensemble

A small ensemble of Medieval and Renaissance instruments and voices performing music of these periods. Open to all University students. Prerequisite: Qualifying audition. 349/649

- **Music 351** *1 unit (cr.)*

University Women's Chorus

The group gives a minimum of one concert performance each term. Open to all University students. Prerequisite: Qualifying audition and junior standing.

- **Music 355** *1 unit (cr.)*

Practicum I

Practical learning experiences in the music industry with on-the-job observation and participation.

- **Music 356** *1 unit (cr.)*

Practicum II

Same as Music 355, but in a different setting in a more varied experience. Prerequisite: Music 355 or consent of instructor.

- **Music 357** *1 unit (cr.)*

Practicum in Recording Technology I

An in-depth laboratory experience with techniques and equipment discussed in previous recording technology courses. Practical application of skills acquired in micing, tracking, overdubbing, mixing, use of signal processing equipment, analog and digital recording practices, editing, mastering, synchronization, and video post production. This course is essentially topic driven, with each class meetings demonstrating an aspect of the recording process. Prerequisite: Music 305 (can be repeated twice for additional credit). Special course fees may apply.

- **Music 358** 1 unit (cr.)

Practicum in Recording Technology II

A continuation of Music 357 laboratory experience. Advanced topics in micing, tracking, overdubbing, mixing, use of signal processing equipment, analog and digital recording practices, editing, mastering, synchronization, and video post production. This is essentially topic driven with each class meeting time used to focus on an aspect of the recording process. Prerequisite: Music 305 (can be repeated twice for additional credit). Special course fees may apply.

- **Music 359** 2 units (crs.)

Audio for Video Techniques

A study of audio production for film and video. All aspects of the audio process will be covered; onset sound, time code and synchronization, foley-pit techniques, dialog replacement, analog and digital tape lock, MIDI studio lock, digital editor/workstation lock, noise control/removal, mixing, and use of effects. Cross-listed: Music 359/Communication 359 Students may receive credit for only one of the two cross-listed courses. Prerequisite: Cumulative 2.5 GPA and Music 305 or Communication 305. Special course fees may apply. (1+3)

- **Music 361** 1-2 units (crs.)

Organ

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 161 and qualifying audition.

- **Music 362** 1-4 units (crs.)

Applied String Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 363** 1-4 units (crs.)

Applied Woodwind Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 365** 1-4 units (crs.)

Applied Brass Secondary

A course to be used as a requirement or an elective in the Bachelor of Music Education and Bachelor of Music Instrumental majors, depending on particular student needs. Prerequisite: Majors only.

- **Music 369** 1-2 units (crs.)

Harp

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 169 and qualifying audition.

- **Music 371** 1-4 units (crs.)

Piano

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 171 and qualifying audition.

- **Music 375** 1 unit (cr.)

Woodwind Techniques

A practical study of woodwind instruments for music majors including methods of teaching woodwind in class or private lessons. Special course fees may apply.

- **Music 377** 1 unit (cr.)

Percussion Techniques

A practical study of percussion instruments for music majors including methods of teaching percussion in class or private lessons. Special course fees may apply.

- **Music 379** 1-2 units (crs.)

Guitar

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair and instructor. Prerequisite: Music 179 and qualifying audition.

- **Music 381** 1-4 units (crs.)

Voice

Private lessons for music majors and minors. Prerequisite: Music 181, qualifying audition and junior standing. Non-majors and minors are required to pay a special fee.

- **Music 384** 3 units (crs.)

Teaching and Supervising Elementary General Music

An elementary general music methods course for music education majors and minors. Prerequisite: Music Education major and junior standing and Admission I.

- **Music 385** 2 units (crs.)

Choral Methods

A course designed to meet the needs of future teachers by examining the organization and administration of public school choral programs, surveying appropriate choral literature, and studying the basic techniques of choral arranging. Prerequisite: To be taken prior to or concurrent with the junior clinical experience and Admission I.

- **Music 386** 2 units (crs.)

Music for the Junior and Senior High School General Student

Provides music majors with materials appropriate to the junior and senior high school student, including experiences in singing, listening, and creativity. Prerequisite: Music Education major and junior standing and Admission I.

- **Music 387** 2 units (crs.)

Instrumental Conducting

Fundamental conducting techniques, including transposition and score reading, as well as experience in conducting an instrumental ensemble. Prerequisite: Music major or minor and junior standing.

- **Music 388** 2 units (crs.)

Choral Conducting

Fundamental knowledge and skills of choral conducting, including score preparation and conducting of live performance in class. Prerequisite: Music major or minor and junior standing.

- **Music 389** 2 units (crs.)

Choral Techniques

Further study of choral conducting techniques including score study, rehearsal techniques, and special areas such as: tone quality, intonation, blend, style, articulation, and phrasing.

Prerequisite: Music 387 or 388.

- **Music 391** 1-4 units (crs.)

Percussion Instruments

Private lessons for the music major or minor covering appropriate technique and literature for the advanced undergraduate performance level. Open to other University students with consent of department chair. Prerequisite: Music 191 and qualifying audition.

- **Music 399** 2 units (crs.)

Instrumental Ensemble Lab

Further study of instrumental conducting techniques. Small ensembles are utilized to develop such areas of score study, tone, blend, articulation, style, phrasing, and balance. Prerequisite: Music 387.

- **Music 400** 2 units (crs.)

Topics in Music Theory: (Optional Content)

Selected topics in music theory and analysis of western art music. Prerequisites: Music 206.

- **Music 403** 2 units (crs.)

History and Literature of Instrumental Chamber Music

A survey of instrumental chamber music from Joseph Haydn to George Crumb. Open only to music majors and minors. Prerequisite: Music 205 and 207. 403/603

- **Music 404** 2 units (crs.)

History and Literature of Symphonic Music

A survey of the symphony from the pre-Classical era to the present day. Open only to music majors and minors. Prerequisite: Music 205 and 207. 404/604

- **Music 405** 2-6 units (crs.)

Topics in Music History

Studies in selected topics in style, genre, aesthetics, and cultural contexts from the history of Western music. Prerequisite: Music 207.

- **Music 409** 2 units (crs.)

Practical Scoring for Band

A study of methods in arranging music for the concert band. Prerequisite: Music 206. 409/609

- **Music 410** 2 units (crs.)

Electronic Music

The basic principles and techniques of electronic music along with their applications through creative experiences in the Electronic Music Studio. Prerequisite: Music 206. Special course fees may apply. 410/610

- **Music 414** 1 unit (cr.)

Electronic Care and Repair

A course in the basic maintenance and repair of the recording equipment through practical "hands-on" experience. Students will complete electronic calibration of recording gear, complete basic soldering and wiring of studio interconnections, and develop an understanding of routine studio maintenance. Prerequisite: Music 305.

- **Music 415** 1 unit (cr.)

Instrument Care and Repair

Care and repair of 1) string instruments, 2) wind instruments, 3) piano. Prerequisite: Consent of instructor. May be repeated for additional credit. 415/615

- **Music 416** 2 units (crs.)

Current Trends in Music Education

Presents the Orff and Dalcroze approaches to music education. Deals with types of creativity appropriate for teaching music to children. This includes the Kodaly method. Prerequisite: Music Education major with Junior standing. 416/616

- **Music 417** 2 units (crs.)

Techniques for Jazz Arrangers

A course in arranging music for Jazz ensembles. Prerequisite: Music 307. 417/617

- **Music 418** 2 units (crs.)

Jazz Pedagogy and Conducting Lab

Fundamental knowledge and skills of Jazz ensemble conducting, including score preparation and rehearsal techniques. Prerequisite: Music 345. 418/618

- **Music 444** 4 units (crs.)

Music Merchandising Internship I

Assignment to a business in the music industry for on-the-job training and experience for a period of 14 weeks. The type of assignment will be determined in conference with the coordinator of the Merchandising Program. Prerequisite: Completion of all music merchandising courses and music major requirements.

- **Music 445** 4 units (crs.)

Internship in Recording Technology

An on site study at a professional audio recording facility. Designed as the culmination of the studies in Recording Technology, this course places the student in the workplace to experience first hand the techniques and skills utilized in the audio recording profession. Prerequisites: Completion of all required courses in degree program.

- **Music 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Music 447** 2 units (crs.)

Composition V

Advanced study of the art of music composition. Assigned projects in larger forms for vocal and instrumental ensembles. Prerequisite: Consent of instructor.

- **Music 448** 2 units (crs.)

Composition VI

Advanced study of the art of music composition. Assigned projects in larger forms for vocal and instrumental ensembles. Prerequisite: Consent of instructor.

- **Music 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.).

- **Music 476** 2 units (crs.)

Piano Literature

A survey of piano literature required of all Bachelor of Music Piano majors, and an elective for all music majors. Prerequisite: Music 205 and 207.

- **Music 477** 2 units (crs.)

Piano Literature

A survey of piano literature required of all Bachelor of Music Piano majors, and an elective for all music majors. Prerequisite: Music 205 and 207.

- **Music 478** 2 units (crs.)

Piano Pedagogy I

Basic principles of pedagogy as applied to private and group lessons for beginning piano students. Required for Bachelor of Music Piano Performance majors. Prerequisite: Consent of instructor.

- **Music 479** 2 units (crs.)

Piano Pedagogy II

Teaching skills applied to more advanced students in keyboards. Prerequisite: Music 478.

- **Music 485** 2 units (crs.)

Vocal Pedagogy

Basic principles of vocal pedagogy for the voice emphasis student. Course includes a study of historical and contemporary concepts of vocal instruction; study of anatomy, structure, and terminology of the vocal instrument; vocal health; and practical application of methodology within the context of private and classroom vocal instruction. Required for Bachelor of Music-Vocal Performance majors and Bachelor of Music Education-Choral Majors. Prerequisite: Music 381 or consent of instructor. 485/685

Neurosciences

Information

Dawn Vreven, Coordinator
Department Office: Clow Faculty 14
Department Telephone: 920-424-2302

Faculty

- Koch, Kyburg, McFadden, Mrotek, Naps, Rauscher, Vaughan, Vreven

Degrees

- **Undergraduate:** In combination with a major, the Neurosciences minor can lead to a baccalaureate degree.
- **Graduate:** None

Summary of Fields of Study

1. **Goal(s)**
 - Neuroscience is an interdisciplinary field that employs methods and theories from biology, psychology, philosophy, computer science, and other fields to understand the brain, behavior, and the mind. The study of neuroscience can prepare students for graduate studies or professional work in areas such as pharmacology, nursing, medicine, physical therapy, cognitive neuroscience, behavioral genetics, animal behavior, computer science, rehabilitation psychology, and clinical psychology.
2. **The Major(s)**
 - None
3. **The Minor(s)**
 - The program offers one minor(s): Neurosciences

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Neurosciences minor. Refer to the following for complete requirements.

Required Core Courses

- See Minors section.

The Major(s), with Emphasis and/or Options

- None

The Minor(s)

1. NEUROSCIENCES MINOR

Students who elect the Neurosciences Minor will select one of the participating faculty as an advisor. In addition, every semester, the participating faculty and all Neurosciences Minors will meet as a group to discuss course selection and new developments in Neuroscience. At these meetings, students and faculty will also discuss their research related to Neuroscience. Information will be shared regularly with students about conferences and speakers on neuroscience.

Required Units (crs.): 21 minimum.

Note that the courses below have at least one prerequisite that in most cases, also fulfills General Education requirements. Students must receive a minimum grade of C in all courses for the minor.

Required Courses: 9 units (crs.)

- **Biology:** Biology 306
- **Philosophy:** Philosophy 306 or 315 or 316 or 327
- **Psychology:** Psychology 380, 383

Required Electives: 12 units (crs.)

Elective courses must be completed in at least two departments. No more than 6 credits may be obtained from options labeled with an asterisk (*).

- **Biology:** Biology 212, 310, 316, 319, 323
- **Computer Science:** Computer Science 300
- **Philosophy:** Philosophy 306, 315, 316, 327 (if not taken as a core course)
- **Psychology:** Psychology 380 (if not taken as a core course), 310, 367, 383 (if not taken as a core course), 455, 480*.

*In any Department where offered, neuroscience-related offerings of: Independent Study, Related Readings, Internships or L&S Career Internship (Interdisciplinary 399), Service Learning Independent Study (Interdisciplinary 366 or 367), and/or Special Topics. See the Neuroscience Minor advisor to determine if one of these courses is sufficiently "neuroscience-related" to count for credit toward the minor.

Course Offerings

- None

Nursing, College of

Information

Rosemary Smith, Dean

Office: Nursing/Education 148

Telephone: 920-424-3089

Suzanne Marnocha, Director

Traditional Undergraduate Program

Office: Nursing/Education 148E

Telephone: 920-424-1028

Stephanie Stewart, Director

Center for Nursing Innovations

Office: Nursing/Education 309

Telephone: 920-424-0134

Jaya Jambunathan, Director

Research and Evaluation

Office: Nursing/Education 144

Telephone: 920-424-1274

Rebecca Cleveland, Coordinator

Student Academic Affairs Traditional Undergraduate Program

Office: Nursing/Education 41

Telephone: 920-424-1024

Leona Whitman, Health Place Coordinator

Office: Doctor's Court

Telephone: 920-424-0281

Code 74 or NURSING undergradnrs@uwosh.edu

Code 78 or NURS-ACC accelnursing@uwosh.edu

Vision:

The College of Nursing will build upon its tradition of developing caring and scholarly leaders who positively impact contemporary and future health care.

Values:

- **Altruism: An unselfish concern for the welfare of others-***We strive to demonstrate an unselfish interest in others through caring, compassion, sensitivity and an openness to engage in helping relationships.*
- **Autonomy: The right to self-determination-** *We strive to provide information and explore options that require individuals to look deep within themselves to find the answers to manage their problems effectively.*
- **Human Dignity: The respectful awareness of the self-worth of each individual-***We strive to interact with others in a respectful, efficient, courteous, and prompt manner with the assurance of complete confidentiality.*
- **Integrity: Acting in accordance with an appropriate code of ethics and accepted standard of practice-***We strive to build trust by being approachable, honest, and accountable for our words and actions.*

- **Social Justice: Upholding moral, legal and humanistic principles**-*We strive to create relationships, structures, and resources for the equality of optimal access to needed information and services along with meaningful participation in decision-making.*

Philosophy:

The College of Nursing is an integral part of the University of Wisconsin Oshkosh, deriving its purpose from the mission and goals of the University. Faculty and staff of the College of Nursing support the mission of the University by striving toward excellence in teaching, fostering and participating in research and scholarly activities, providing service to the community, and helping shape the health care delivery system by engaging people and ideas for the common good. The vision of the College of Nursing is to build upon the tradition of developing caring and scholarly leaders who positively impact contemporary and future health care. The College of Nursing faculty and staff believe:

Each person has inherent worth and uniqueness, the capacity to change, and the autonomy to make decisions at every stage of life. The person is part of a larger group (family, community or society), is unique, and has the right to be involved in decisions. Learning, health behaviors, and the health status of persons and populations are influenced by interconnections with others, perceptions of life experiences, adaptations during life processes, and effects of the environment. Each person has the right to information so that knowledgeable choices about health can be made. Therefore, an important function of professional nurses is to provide health care information and culturally competent care in order to promote, maintain, or restore health or assist with a peaceful death. The nurse uses the American Association of Colleges of Nursing (AACN) professional values of altruism, autonomy, human dignity, integrity and social justice to provide safe, humanistic health care to all persons.

Health is a dynamic and holistic process, whereby individuals find meaning in wellness, illness, disease, and dying. Individuals strive for harmony, balance, energy, and well-being while adapting to the ever-changing environment. Health is a function of the client, the culture, the health care system, and the providers of care. Health is a holistic composite of physical, psychological, social and spiritual aspects. A basic concept of health concerns an expression of the life process of wholeness.

Environment refers to dynamic internal and external factors within which clients develop, interact, and maintain their identities. The environment is multidimensional and has physical, biological, ecological, technical, psychological, spiritual, social and cultural patterns. The health care system is also an integral part of the environment and influences the health status and health-seeking behaviors of persons, groups, and communities. Health care services, resources, legislation, research data, information technology, ethical issues and diverse values influence the environment. Therefore, nurses interact with all elements of the environment to assist individuals and groups to optimize their health status.

Nursing is a discipline and a profession. As a discipline, nursing supports the belief that there is a dynamic interrelationship between the person, health, and the environment. As a profession, nursing is committed to assisting persons and communities to perform activities that contribute to and potentiate health. Nurses provide care to enhance compassionate, sensitive, and appropriate means to enable persons and communities to gain independence and participate in planning health care. Nurses use the nursing process that reflects professional values, core competencies and core knowledge.

Education is a reciprocal process between teachers and students to acquire knowledge, skills, and self-awareness. Learning occurs in a variety of ways, at different rates, at different times, and in

different settings. Education and divergent life experiences provide persons with the knowledge necessary to achieve their potential. Nursing faculty provide a learning environment which acknowledges individual needs, learning styles, abilities, and talents. The learning environment promotes the self-esteem and confidence necessary for transition to professional nursing roles. Students are encouraged to engage in critical thinking, consider alternate viewpoints, appreciate the diversity of a multicultural, dynamic society, and demonstrate professional commitment.

Nursing education builds on a firm foundation in the liberal arts and sciences. Graduates of the program use critical thinking, problem solving methods, and analytical reasoning to practice nursing at the baccalaureate and graduate levels.

At the baccalaureate level, graduates are prepared to: provide nursing care in diverse settings; share accountability for health with clients and other members of the health care team; utilize nursing research; and make independent and collaborative nursing decisions. The baccalaureate program prepares students for professional nursing practice and provides a foundation for graduate study.

Graduate nursing education at the master's level includes scholarly inquiry into advanced preparation, practice, and provision of nursing service to society. Emphasis is on the acquisition and application of advanced knowledge of nursing and health care through collaborative practice in various settings. The education process builds upon baccalaureate nursing preparation and facilitates advanced professional role development, identification of researchable nursing issues, and the use of scholarly inquiry. The graduate program prepares nurses for advanced nursing roles and provides a foundation for doctoral study.

Lifelong learning and evaluation are mutual responsibilities of faculty and students. Lifelong learning is an integral part of professional activity, and is valued in the education process. Self-initiated activities related to enhancing the depth and breadth of nursing practice and further role development are characteristics of professional nurses.

Faculty

- Ahrens, Allar, Alterman, Baley, Balzar, Baseley, Basler, Bergstrom, Berry, Blakeslee, Brands, Bruinooge, Carrick, Chapin, Chappy, Cleveland, Collier, Davis, Dehnke, Dempsey, Froiland, Frost, Geiser, Guevara, Hiatt, Huebscher, Jambunathan, Kindt, Lancaster, Lord, Lynch, MacWilliams, Marnocha, Marohn, McNiel, Missbach, Moss, Netzer, O'Connell, Philbin-Wolski, Pitsch, Pope, Rausch, Sasse, Schmidt, Smith, Smolinski Stewart, Strojny, Tassoul, Thyges, Timmons, Turnmeyer, Udalis, Vander Loop, Vander Venter, Van Ravenstein, Van Rooy, Verhasselt, Walrath, Westphal, Weideman, Woodland, Wurzbach, Zachman.

Degrees

- **Undergraduate:** A completed major in Nursing leads to the Bachelor of Science in Nursing (B.S.N.) degree.

- **Graduate:** The College offers one Master of Science in Nursing (M.S.N.) degree. This degree can be earned through four emphases: Family Nurse Practitioner program (FNP), Adult Health and Wellness program (ANP), Educator, and Clinical Nurse Leader (CNL).
- **Doctorate:** Doctor of Nursing Practice (DNP)

Note: A Natural Alternative Complementary Health Care certificate program is available (see graduate bulletin or the UWOSH college of nursing graduate web site).

A Health Care Management certificate program is available, developed by Business Administration and Public Administration (see UWOSH web site www.uwosh.edu/mpa).

Summary of Fields of Study

1. GOALS(S)

- See UW Oshkosh College of Nursing (UWOCON) web site for mission, vision and values

2. THE MAJOR(S)

- The College offers 3 programs within the Nursing Major. These are: 1) Traditional Undergraduate Program; 2) Collaborative Program: Baccalaureate Degree for Registered Nurses (BSN at Home); 3) Accelerated Nursing Program.
- **Traditional Undergraduate Program:** The College offers a Bachelor of Science in Nursing degree for undergraduate students requiring 5 semesters of classroom, laboratory and clinical courses. For more information: email Becki Cleveland at cleveland@uwosh.edu or on-line www.uwosh.edu/colleges/con.
- **Collaborative Program:** The College offers the BSN degree for registered nurses in the Collaborative Nursing Program, www.uwosh.edu/colleges/con. Courses are offered in cooperation with the other four nursing programs in the University of Wisconsin System (Madison, Milwaukee, Eau Claire, Green Bay) via distance learning technology. Advisors are located at the Oshkosh campus and at an outreach office in North Central Wisconsin with an office at the University of Wisconsin Marathon County Center Campus (UWMC). See RN Emphasis. An RN to MSN option is available for the UWOSH campus. For more information email www.uwosh.edu/colleges/con. Sheboygan, Manitowoc, Lakeshore (SMLS), a face-to-face BSN completion program, is offered in collaboration with UW Manitowoc, UW Sheboygan and Lakeshore Technical College with classes in Sheboygan and Manitowoc counties.
- **Accelerated Nursing Program:** The purpose of this program is to allow individuals with Bachelor's degrees in other fields to complete a Bachelor of Science in Nursing (BSN) degree program in 12 months in an accelerated, nontraditional format online. Online courses, a short residency requirement totaling three weeks, and clinical courses completed in the students' home cities allow for completion of the program in the designated time frame. Contact the College of Nursing by email at: www.uwosh.edu/colleges/con for more information.

- **Wausau Step Ahead Program:** UWOCN, North Central Technical College (NTS) and UWMC have worked together to develop another option for educating BSNs-the Step Ahead Nursing Program, which is structured as a 1+2+1 program: First-year students earn general education credits required for pre-nursing majors. They may earn these credits from UW Oshkosh, NTC, UWMC or elsewhere. Second-and third-year students earn credit toward an associate degree in nursing through NTC's ADN program. As associate degree in nursing is awarded at the end of year 3. After the third year, students are qualified to take the RN NCLEX exam leading to RN licensure. Four-year students earn credits through UW Oshkosh's collaborative nursing program: BSN@Home. Classes are offered online with clinical courses taught in Wausau. Upon the successful completion of the Collaborative BSN@Home program, students are awarded a BSN degree from UW Oshkosh.
3. **THE MINOR(S)**
- None

Admission/Graduation Requirements

1. PROFESSIONAL MAJOR ADMISSION POLICY

Admission into the professional component of the program is selective, based on University, College, and agency resources, and College of Nursing admission criteria. Please note that admission to UW Oshkosh as a nursing major does not guarantee acceptance into the professional component of the nursing curriculum. Based on space availability, educational facilities, resources of the College of Nursing and clinical learning opportunities, it is possible that some qualified students may not be admitted. *[If the admission class is not filled in any given semester, the Academic Standing Committee will provide notice via the CON web site of a second admission cycle.]*

Deadlines: Please note the deadlines and appropriate semester(s) of application according to student status below. Please ensure that the application is the current edition for the admission cycle. Applications are generally made available by early June and early December. Students unsuccessful being admitted in a given semester must submit a new written application in subsequent semesters to be considered for admission.

Current University of Wisconsin Oshkosh Students:

Students eligible to apply to the clinical major (see criteria below) must submit the College of Nursing Professional Major Admission Application obtained online at www.uwosh.edu/con. Transcripts are not necessary for current UW Oshkosh students unless courses were taken elsewhere while still progressing at UW Oshkosh.

Deadlines (by noon):

- **August 30**
- **January 30**

Prospective University of Wisconsin Oshkosh Students:

Transfer students seeking admission directly into the clinical major are eligible to apply ONLY in January to begin the clinical program in fall semester each year. Transfer students must complete two applications:

1. Undergraduate Admission Application for UW Oshkosh with transcripts. Application is available online at www.apply.wisconsin.edu or at the UW Oshkosh Admission office in Dempsey 135.
2. College of Nursing Professional Major Admission Application. Application is available online at www.uwosh.edu/con.

Deadline (by noon):

- **January 30**

Students applying for BOTH the traditional and accelerated nursing programs: Students applying and accepted for the traditional program and the Accelerated Nursing Program must choose **ONLY** one program at a minimum of 1 week prior to the start of the regular 14 week University semester. Failure to comply with this request will result in the student's name being removed from the list of accepted students for **BOTH** programs.

QUALIFICATIONS FOR ADMISSION TO PROFESSIONAL NURSING MAJOR

Required Criteria:

- Admission to the University of Wisconsin Oshkosh
- Sophomore standing (30 credits completed)
- Minimum of 2.75 GPA on the completed pre-nursing requirements (see courses listed below)
- All of the required courses and a total of 45 credits must be completed with a minimum "C" grade by the end of the semester in which you are applying. (CD or C- are **not** acceptable grades.)
- Standardized nursing entrance test (cost assumed by student)
- Written statement demonstrating values appropriate for professional nursing (see form for statement)
- Completion of a nursing assistant course with clinical component that meets Wisconsin Certified Nursing Assistant Program standards. Students may apply without this, however, they must document a plan for completion prior to beginning the professional curriculum. Information will be provided on the College of Nursing web site for nursing assistant courses. Certification following the course is recommended but not required

Preferred Criteria:

- Certified Nursing Assistant experience or other relevant health care experience
- Activities reflecting a service orientation
- Experience with diverse populations (diverse populations may include varying age groups, developmentally disabled, ethnic groups, individuals with special needs)

Applicants Please Note:

- Faculty may request an interview in addition to the application and criteria above. Topic, format and evaluation methods to be determined by Academic Standing Committee.
- All students have the responsibility for knowing University and College academic policies as they affect his/her status.

Required Coursework:

Please note all courses must be completed with a minimum "C" grade. (CD or C- are **not** acceptable grades.)

Pre-Nursing Coursework (these courses must be included in Nursing GPA for application):

- 4 out of the 6 required science courses (all include lecture **and** laboratory):
 - Biological Concepts (Biology 105 OR 230)
 - Anatomy (Biology 211)

- Physiology (Biology 212 OR 319)
- Microbial Survey (Biology 233 OR 309)
- Chemistry (Chemistry 101 OR 105)
- Biochemistry (Chemistry 102 OR 106)
- College English I (WBIS 188 OR ENG 101 OR 110 OR 202)
- Growth & Development (Nursing 200 OR Psych 291 OR Ed Foundation 377)
- Psychology (Psychology 101)
- General Education (6 credits) Courses selected may be in any General Education area (HU, ES, SS, NW, PE, MA, GE, NS, EN or any Nursing elective), but must NOT include the pre-requisite courses listed above.

Pre-Nursing GPA:

A student's admission GPA will be calculated on the above courses (2.75 minimum). If more than 4 science courses are completed, the GPA will be calculated on the best 4 grades. The GPA is calculated to three decimal points.

Additional Pre-Nursing courses:

(These courses must be completed prior to starting in the clinical major.)

- Speech (Communication 111)
- Introduction to Professional Nursing (Nursing 105--UW Oshkosh course ONLY)
- Remaining 2 science courses (see required list above)

Other Requirements:

Computer Competencies

Health agencies have been employing increasingly sophisticated computer systems. It is imperative that nursing students be prepared to use computers in their practice. In the nursing major, you will find computer concepts and skills integrated in your courses. Prior to enrolling in Caring and the Foundations of Nursing, you will be expected to have some experience with a word processing program to aid in completing written work. An orientation to computer-assisted library research and applications of databases will be provided in Caring and the Foundations of Nursing. There are computers available to students on the second floor of the Nursing/Education building, Clow computer lab, Swart computer lab, and Halsey Science computer lab. If you are not familiar with applications of computer programs before admission to the clinical major, you will need to learn them during the first semester of the professional component. Students must purchase a hand-held computer device and laptop for use in the clinical major. You may check the UW Oshkosh Hardware/Software standards at:

<http://www.acs/uwosh.edu/hardware/hardware-software-req-2007.html>

Health, CPR, and Criminal Background Check

1. Immunizations

Upon acceptance into the clinical nursing major, you will receive a copy of the health form and health policy. Dates of your last tetanus-diphtheria (must be within the last 9 years) and polio immunizations must be indicated on the form. Documentation from a health care provider must be supplied as evidence of immunity in addition to the dates written on the form for (a) 2 measles, mumps and rubella immunizations or titers which prove immunity, (b) 2 varicella immunizations or titer (chicken pox), and (c) at least one hepatitis B immunization (or signed waiver which documents your refusal of the hepatitis B series. A minimum of 2 hepatitis B immunizations are needed by the Sophomore II level).

All mandatory requirements must be met prior to beginning the Sophomore II courses and must be received by the College of Nursing office by the stated deadline. The College of Nursing is

not responsible for any delays by the postal service, health agencies, or any other person, organization, or company that may be delivering or providing the health information or its documentation. If the health form and documentation are not received by the deadline, the student will be removed from the admission cycle. Immunizations and titers may be obtained through the UW Oshkosh Student Health Center (424-2424). Acceptable documentation of immunizations/immunity includes providing a copy of: the clinic health record with agency name/address and student name clearly identified (health professional's signature also preferred), a clinic or health professional's letterhead with immunizations recorded and signature, the lab report of titer results.

2. TB/CPR

TB skin testing and CPR certification are mandatory and will be scheduled through the College of Nursing. Students accepted for admission will be notified regarding dates scheduled for TB testing and CPR certification. CPR certification through any other source are not acceptable. This will ensure that the requirements are complete for the maximum duration of clinical course work.

All health and CPR requirements are mandatory for eligibility to attend clinical courses. You may call Becki Cleveland (424-2127) or Lynda Lord (424-0895) with questions regarding health requirements and documentation. Submit health information in a sealed envelope at the Undergraduate Program Office (N/E 148G) or Academic Affairs office (N/E 41). Fees for immunizations, titers, TB tests and CPR class must be paid by the student.

3. Criminal Background Check

In compliance with the State of Wisconsin Caregiver Law, each applicant must complete and submit, along with the application, a criminal history disclosure form and sign a release form authorizing the University to conduct a criminal background check on the applicant. The cost of criminal background checks must be paid for by the applicant. The results of the criminal background check will not constitute an automatic bar to admission; rather, the results, in conjunction with the other information contained in the application, will assist admissions personnel in determining the applicants who will best be able to participate in and fulfill the requirements of the program. In determining the effect the results of a criminal background check will have on an applicant's qualification for the program, admissions personnel will be guided in part by the provisions of the Wisconsin Caregiver Law. This law applies to licensed health care facilities and identifies certain criminal violations that may prohibit individuals from working in these facilities. Information about crimes that constitute a bar to employment under the Wisconsin Caregiver Law and the effect of criminal history on licensure requirements is available through the College of Nursing. See also, the College of Nursing Policy on Criminal History Search. This policy is subject to revision without prior notice. This requirement is mandatory for eligibility to attend clinical courses.

4. Drug and Alcohol Testing

Random drug screening of students may be required by some clinical agencies or the College of Nursing. If required, the cost of the test is the student's responsibility.

Time Commitment

The nursing curriculum is challenging, labor intensive, and requires commitment and more time than most other courses of study. The curriculum is a full-time course of study. There are multiple courses each semester, including clinical courses which require a minimum of 3 hours of direct clinical experience per credit hour. This does not include time required for travel, preclinical visits to the clinical agency, or preparation/study prior to and after the clinical

day. Clinical hours may be scheduled days, evenings, nights, and weekends. Course requirements may include testing during non-scheduled class hours. Students in the College of Nursing are therefore strongly advised to limit their hours of work and/or other non-student commitments during the academic year.

Costs

Nursing is a professional discipline, and students enrolled in the nursing program must anticipate some additional costs that are directly related to the nursing program. These include uniforms, laboratory supplies, nursing textbooks, standardized tests, criminal background check and associated record costs if court documents are needed, CPR, health requirements, transportation associated with clinical experience. In addition to the costs indicated above, students are expected to have a watch with a second hand, nametag, pen, pocket scissors and stethoscope, PDA with software, and a laptop computer.

Students in the professional nursing program must provide their own transportation to and from clinical experiences. Many clinical experiences will require travel to communities outside the city of Oshkosh.

Some of the above requirements may change. For more information, please contact the College of Nursing Undergraduate Program Office, UW Oshkosh, 800 Algoma Boulevard, Oshkosh, WI 54901, (920) 424-1028.

2. PROGRESSION POLICY FOR STUDENT NURSES

The standards for retention/progression in the College of Nursing are consistent with the University Standards. In addition, the College of Nursing has the following policies. A student must achieve satisfactorily in all aspects of a nursing course to receive a satisfactory grade, i.e., both classroom and clinical. A grade of C or better must be obtained in each course in the major field of study in order for the student to continue in the nursing program. It is also required that students earn a C or better in all required non-nursing courses.

Five year limit for completion of CON curriculum

After admission into the professional major, students must complete all degree requirements within a 5-year time period. Failure to do so may result in being dropped from the program or remediation.

Clinical nursing major courses

After admission into the College of Nursing, students cannot repeat more than two of the required (non-elective) College of Nursing courses. Students cannot repeat the course more than once. Students exceeding these limits will be removed from the College of Nursing.

A student earning below a C grade in any course of the major is automatically disqualified and cannot proceed to subsequent course in the curriculum without first repeating the course in which the unsatisfactory grade was earned. Please note that a C- is not an acceptable grade. Exceptions are determined by the Academic Standing Committee in evaluating extenuating circumstances substantiated by the student's transcript and other relevant data. In order to repeat the course, an appeal must be made to the Undergraduate Academic Standing Committee of the College of Nursing (refer to the College of Nursing Appeal Policy and Procedure). The committee will decide whether or not the appeal merits approval. Upon a successful appeal, a student may repeat a failed course based upon the space available. The student must request registration through the Undergraduate Program Assistant.

Progression based upon space available

A student whose curriculum progression has been interrupted for any reason (failure,

drop/withdraw, illness, etc.) will only be allowed to continue in each level of the curriculum (following the Academic Standing Committee's decision) if there is space available. Priority will be given to students who progress without interruption. Students' placement in course/clinical sections will be the decision of the Undergraduate Program Director.

Pre-nursing courses

Students cannot repeat more than two of the required pre-nursing courses. Students cannot repeat the course more than once. Students exceeding these limits will be removed from the nursing major.

Appeal

The student who has been advised he/she may not continue in the College of Nursing and who believes circumstances warrant an appeal, may do so in writing to the Undergraduate Academic Standing Committee. Refer to the College of Nursing Appeal Policy and Appeal Form. Faculty will submit their recommendation to the Undergraduate Academic Standing Committee at the time semester grades are submitted.

3. THE ESSENTIALS OF BACCALAUREATE EDUCATION FOR PROFESSIONAL NURSING PRACTICE

This *Essentials* document serves to transform baccalaureate nursing education by providing the curricular elements and framework for building the baccalaureate nursing curriculum for the 21st century. These *Essentials* address the key stakeholders' recommendations and landmark documents such as the IOM's recommendations for the core knowledge required of all healthcare professionals. This document emphasizes such concepts as patient-centered care, interprofessional teams, evidence-based practice, quality improvement, patient safety, informatics, clinical reasoning/critical thinking, genetics and genomics, cultural sensitivity, professionalism, and practice across the life span in an ever-changing and complex healthcare environment.

Essentials I – IX delineate the outcomes expected of graduates of baccalaureate nursing programs. Achievement of these outcomes will enable graduates to practice within complex healthcare systems and assume the roles: provider of care; designer/manager/coordinator of care; and member of a profession. Essential IX describes generalist nursing practice at the completion of baccalaureate nursing education. This Essential includes practice-focused outcomes that integrate the knowledge, skills, and attitudes delineated in Essentials I – VIII. The time needed to accomplish each Essential will vary, and each Essential does not require a separate course for achievement of the outcomes.

The nine Essentials are:

- **Essential I: Liberal Education for Baccalaureate Generalist Nursing Practice**
 - A solid base in liberal education provides the cornerstone for the practice and education of nurses.
- **Essential II: Basic Organizational and Systems Leadership for Quality Care and Patient Safety**
 - Knowledge and skills in leadership, quality improvement, and patient safety are necessary to provide high quality health care.
- **Essential III: Scholarship for Evidence Based Practice**
 - Professional nursing practice is grounded in the translation of current evidence into one's practice.
- **Essential IV: Information Management and Application of Patient Care Technology**

- Knowledge and skills in information management and patient care technology are critical in the delivery of quality patient care.
- **Essential V: Health Care Policy, Finance, and Regulatory Environments**
 - Healthcare policies, including financial and regulatory, directly and indirectly influence the nature and functioning of the healthcare system and thereby are important considerations in professional nursing practice.
- **Essential VI: Interprofessional Communication and Collaboration for Improving Patient Health Outcomes**
 - Communication and collaboration among healthcare professionals are critical to delivering high quality and safe patient care.
- **Essential VII: Clinical Prevention and Population Health**
 - Health promotion and disease prevention at the individual and population level are necessary to improve population health and are important components of baccalaureate generalist nursing practice.
- **Essential VIII: Professionalism and Professional Values**
 - Professionalism and the inherent values of altruism, autonomy, human dignity, integrity, and social justice are fundamental to the discipline of nursing.
- **Essential IX: Baccalaureate Generalist Nursing Practice**
 - The baccalaureate graduate nurse is prepared to practice with patients, including individuals, families, groups, communities, and populations across the life span and across the continuum of healthcare environments.
 - The baccalaureate graduate understands and respects the variations of care, the increased complexity, and the increased use of healthcare resources inherent in caring for patients.

Learning opportunities, including direct clinical experiences, must be sufficient in breadth and depth to ensure the baccalaureate graduate attains these practice-focused outcomes and integrates the delineated knowledge and skills into the graduate's professional nursing practice. Clinical learning is focused on developing and refining the knowledge and skills necessary to manage care as part of an interprofessional team. Simulation experiences augment clinical learning and are complementary to direct care opportunities essential to assuming the role of the professional nurse. A clinical immersion experience provides opportunities for building clinical reasoning, management, and evaluation skills

Required Core Courses

- **Nursing**
 - Nursing 105, 200, 204, 205, 206, 211, 212, 309, 311, 312, 313, 314, 315, 318, 319, 336, 346, 348, 358, 412, 416, 418, 419, 422, 424, 426, 427 and 437.
 - Nursing students must also take a total of 2 credits of nursing electives.

(The Traditional Undergraduate Nursing Major is under revision. Please see Department for details)

The Major(s), with Emphasis and/or Options

1. TRADITIONAL UNDERGRADUATE PROGRAM

(The Traditional Undergraduate Nursing Major is under revision. Please see Department for details)

- **Required Units (crs.):** 65 minimum. Please consult the College of Nursing web site at www.uwosh.edu/colleges/con.
- **Required Courses:** All of the Core Courses
- **Electives:** Sufficient courses from the College's offerings to meet the minimum requirement.
- **Comment:**
Qualifications of applicants for licensure examination as a registered nurse: 1) good professional character; 2) graduated from high school or its equivalent; and 3) graduated from an accredited school of professional nursing.

2. COLLABORATIVE NURSING PROGRAM (BSN@Home)

(www.uwosh.edu/colleges/con) For Registered Nurses

University of Wisconsin Oshkosh College of Nursing offers the emphasis for registered nurses on the Oshkosh campus and an outreach offering in North Central Wisconsin with a faculty office at the University of Wisconsin - Marathon County Campus. The College participates in the Collaborative Program for registered nurses offered through the joint efforts of nursing programs at the University of Wisconsin campuses located in Madison, Eau Claire, Oshkosh, Milwaukee and Green Bay. The goal of the program is to provide flexibility so that registered nurses can pursue their education without having to relocate or travel great distances to a campus.

Registered nurses selecting University of Wisconsin Oshkosh as the home institution are eligible for all student related services (advising, financial aid, etc) offered by the University of Wisconsin Oshkosh. In addition, the University of Wisconsin Oshkosh offers the baccalaureate degree for those students selecting University of Wisconsin Oshkosh as the www.uwosh.edu/colleges/con. However, students have the option to attend classes at convenient sites throughout the state.

ADMISSION REQUIREMENTS

Registered nurse students meet the following requirements of the Collaborative Program: 1) An associate degree in nursing or graduation from a three year nursing program (diploma); 2) minimum grade point average of 2.5; 3) licensure as a registered nurse (current); 4) one year of clinical practice is highly recommended.

In addition, registered nurse students complete a one unit (cr.) course, Orientation to Clinical Major, RN (Nursing 324) early in the Program.

CURRICULUM REQUIREMENTS

- **Collaborative Program Unit (cr.) Breakdown - 120 units (crs.):**
 - Units (crs.) determined by the www.uwosh.edu/college/con. Other campuses may have up to 124 cr.
 - Prior learning units (crs.) 60 cr. maximum
 - Advanced nursing courses 30 cr.
 - Campus specific requirements 30 cr.

- **Required Core Courses:**
- **Collaborative Program**
 - Nursing Collaborative Program 341 Theoretical Foundations
 - Nursing Collaborative Program 317 Health Assessment
 - Nursing Collaborative Program 434 Nursing Research
 - Nursing Collaborative Program 437 Management and Leadership in Nursing
 - Nursing Collaborative Program 444 Community Health Nursing
- **Required Campus Specific Courses:**
In addition to the required general education requirements, the core collaborative courses, registered nurses complete:
 - Nursing 324 Orientation to Major, RN 1 cr.
 - Nursing 438 Nursing Practicum III, RN 3 cr. (clinical)
 - Nursing 448 Nursing Practicum IV, RN 4 cr. (clinical)
 - Nursing electives 4 cr.
- **Nursing Electives:**
Students may select from any of the nursing electives by the College of Nursing or courses approved as nursing electives on the various collaborating campuses. For additional information about nursing electives, contact an advisor.
- **Electives:**
 - Sufficient courses to meet the required number of units (crs.) for graduation.
- **Prior Learning Units (crs.) (Policy of Collaborative Program):**
Wisconsin ADN (Associate Degree in Nursing) students who have graduated from a National League for Nursing (NLN) approved program in 1989 or later, may be granted up to 60 units (crs.). This would include units (crs.) taken in basic nursing, general education, occupational support and approved electives. Registered nurses not meeting the ADN completion date of 1989 or who attended diploma school or an out-of-state school will be evaluated on an individual basis to determine transfer units (crs.). Additional lower division coursework in general education and/or occupational support content may be needed.

Advisor(s):

Dawn Arnold, email: arnoldd@uwosh.edu, University Advising Resource Center (UARC), Dempsey Hall 130 or www.uwosh.edu/colleges/con.

3. ACCELERATED NURSING PROGRAM

The purpose of this program is to allow individuals with Bachelor's degrees in other fields to complete a Bachelor of Science in Nursing (BSN) degree program in 12 months in an accelerated, nontraditional format online. Online courses, a short residency requirement totaling three weeks, and clinical courses completed in the students' home cities allow for completion of the program in the designated time frame. Contact the College of Nursing by email at www.uwosh.edu/colleges/con for more information including admission criteria.

- **Required Courses:**
 - Accelerated Nursing Courses: Accelerated 105, 203, 206, 207, 211, 307, 310, 313, 314, 315, 318, 346, 348, 358, 412, 416, 418, 419, 422, 424, 426, 437, 490.
 - 4 units (crs.) from the following: Accelerated 411, 423, 427, 428

Admission Requirement:

- Bachelor's Degree from an accredited college or university
- Minimum GPA of 2.75 (on College of Nursing required prerequisites)
- Nursing Assistant Certification

Admission Screening Criteria

- Two letters of recommendation
- Sample of written work
- Goal statement
- Interview with faculty panel (rating scale used to rank candidates)

Advisors:

- Sue Clark, email: clarks@uwosh.edu
- Ellen Moll, email: molle@uwosh.edu

Web site: www.uwosh.edu/colleges/con

The Minor(s)

None

Course Offerings

ACCELERATED NURSING PROGRAM

- **Accelerated Nursing Program 105** *1 unit (cr.)*

Introduction to Professional Nursing

This is an introductory course designed to acclimate students to the profession of nursing.

Nursing's role within a profession will be discussed. The concepts of professionalism and critical thinking will be introduced. The course will also emphasize the personal insight, capabilities and skills needed for successful baccalaureate education. Prerequisites: Acceptance into Accelerated Nursing Program.

- **Accelerated Nursing Program 203** *3 units (crs.)*

Accel Caring & Human Behavior: The Foundations of Nursing Practice

A beginning nursing course introducing the student to the concept of caring and the foundations of professional nursing practice including basic concepts of human behavior. Nursing's historical development, health care delivery systems, the nurse's role in promoting the health of the community, ways of knowing, critical thinking, and the nursing process are explored. Throughout the course, there is an emphasis on the personal development of caring as the basis for nursing practice. The importance of effective communication with individuals, families and groups in order to develop caring relationships is emphasized. Theories of human behavior are discussed and basic mental health concepts are introduced. Selected behaviors compromising health are also included. Prerequisites: Acceptance into the Accelerated Nursing Program and Successful completion of the previous courses or consent of instructor.

- **Accelerated Nursing Program 206** *2 units (crs.)*

Accel Health Assessment Theory

This course focuses on the skills needed to complete a systematic health assessment of the child and adult client. Assessment of cultural differences and developmental stages of the individual is included. Therapeutic communication and interviewing skills are used to obtain a health

history. Family assessment and nursing process are introduced. Pre/Co-requisites: Acceptance into the Accelerated Program and successful completion of previous program courses or consent of the instructor.

- **Accelerated Nursing Program 207** 1 unit (cr.)
Accel Health Assessment Lab

This course provides the College laboratory practice necessary to obtain the psychomotor and communication skills necessary to complete a systematic health assessment. The course includes inspection, auscultation, palpation, and percussion techniques necessary to perform a physical examination. Cultural and developmental implications of the health appraisal are addressed. Prerequisites: Acceptance into the Accelerated Program and successful completion of previous program courses or consent of instructor.

- **Accelerated Nursing Program 214** 2 units (crs.)
Accel Nursing: Aging Client System

This course is an exploration of the role of the nurse in the health care of older adults from a family development perspective. The course is designed to build upon previous and concurrent content in adult development, and adult health. Theories of aging and nursing theories are analyzed as bases for nursing care. Issues common to the aging client system are addressed and nursing implications are derived. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 307** 1 unit (cr.)
Accel Skills Lab

A laboratory course focusing on selected psychomotor skills correlating with the Adult Health I and II theory and Adult I and II clinical courses. Laboratory experiences are designed to examine the theory and principles, as well as provide opportunities to develop and refine the neuromuscular coordination in skill performance. Basic nursing skills and scientific principles of nursing care will be introduced. Emphasis will be placed upon development of nursing skills and competencies in a simulated clinical setting. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor; Certified Nursing Assistant Certification.

- **Accelerated Nursing Program 310** 3 units (crs.)
Adult Health with Pharmacologic Implications

The nursing process is applied in the care of adults who are experiencing non-complex acute illness episodes. The nursing interventions that utilize concepts of restorative care and health promotion are emphasized to promote health. Concepts of caring and client empowerment will be used. The environments that influence restorative care and health promotion will be explored and utilized. Systematic inquiry related to restorative nursing including the related nursing responsibilities. This course provides an overview of the clinical application of classifications of drugs on human systems. The use, action, response, side effects and adverse reactions for selected major drug classifications will be presented to correlate with the diseases/illnesses included in the Adult Health I content. Prerequisites: Acceptance into the Accelerated Program and successful completion of previous program courses or consent of the instructor.

- **Accelerated Nursing Program 312** 2 units (crs.)
Accel Adult Health I Theory

The nursing process is applied in the care of adults who are experiencing non-complex acute illness episodes. The nursing interventions that utilize concepts of restorative care and health promotion are emphasized to promote health. Concepts of caring and client empowerment will be used. The environments that influence restorative care and health promotion will be explored and utilized. Systematic inquiry related to restorative care and health promotion will be emphasized. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 313** 1 unit (cr.)

Accel Adult Health I Clinical

This clinical course will use the theory presented in the Adult Health I as a basis for interacting with adult client systems in a variety of environments. Clinical experiences will provide opportunities for students to take part in the health restoration of adult client systems using various models of coordinated care to provide opportunities to help clients/patients recover. This may include home follow-up, coordinating care needs and referral to or arrangements for community resources. Clinical activities also provide a rich source of knowledge and skill development. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 314** 3 units (crs.)

Accel Adult Health II Theory

The focus of this course will be the utilization of the nursing process in the care of adult clients in various environments who have chronic conditions, complex conditions, or multi-system failure. The nursing interventions that utilize concepts of restorative care and health promotion are emphasized. Concepts of caring and client empowerment introduced in Adult Health I will be further expanded upon. The environments that influence restorative care and health promotion will be explored and utilized. Systematic inquiry related to restorative care and health promotion will be emphasized. The student will also be exposed to the concept of coordinated care. This course focuses on the science of food and nutrients and the important part nutrition plays in the prevention and treatment of illness. The use of nutritional therapy will be explored as it relates to physiological problems of various body systems. Students will apply principles of normal nutrition and basic assessment in planning nutritional care. Throughout the course emphasis will be placed on the role of the health professional in assisting the client toward optimal nutritional habits and the restoration and promotion of health. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 315** 2 units (crs.)

Accel Adult Health II Clinical

This course will focus on the application of the nursing process to promote optimal health in clients with acute problems, chronic health problems or acute exacerbations of chronic impairments. While the focus is on the individual client, the influences of family and community systems are also appreciated in the provision of care. The tertiary level of prevention is emphasized, while primary and secondary prevention strategies are also implemented as appropriate. While the emphasis is on the unique contributions of nursing, the multidisciplinary approach to providing care to clients with long-term health needs is also recognized. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 328** 2 units (crs.)

Accel Research

A two-credit course focusing on using research in practice. This course builds on a firm grounding in and an appreciation for the use of literature and inquiry in learning. The course assumes a close interrelationship of practice, theory and research in which each is viewed as essential and supporting to the other. Selected processes of research will be used to help students assume responsibilities as a member of a professional discipline, i.e., remaining current in practice, evaluating care and practice, promoting quality and seeking ways to improve practice or gain insights into current care and treatment modalities. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of instructor.

- **Accelerated Nursing Program 336** 1 unit (cr.)

Accel Pharmacology I

This course focuses on pharmacologic interventions in nursing including the related nursing responsibilities. This course provides an overview of the clinical application of classifications of drugs on human systems. The use, action, response, side effects and adverse reactions for selected major drug classifications will be presented to correlate with Adult Health I and Pathophysiology I. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 346** 2 units (crs.)

Accel Pharmacology II

This course focuses on pharmacologic interventions in nursing including the related nursing responsibilities. This course provides an overview of the clinical application of classifications of drugs on human systems. The use, action, response, side effects and adverse reactions for selected major drug classifications will be presented. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 348** 2 units (crs.)

Accel Pathophysiology I

I. The first of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the body structure or functions. Conditions in which altered metabolism, inadequate supply and use of oxygen; altered blood and nutrient transport; fluid, electrolyte and acid-base imbalances and altered structures of bones and/or muscles are discussed. The body defenses, including the stress response and the interrelationship of the physical, emotional, and psychological responses in actual disease or disease threat are included in the course. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 358** 2 units (crs.)

Accel Pathophysiology II

II. The second of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the structure or function of the body. A section on the physiology of pain and its significance as a symptom is also included. Common disease conditions are discussed and serve as a prototype in understanding the pathophysiology, which can occur in the body systems and includes neural dysfunction, abnormal cell growth or function, and impaired renal function. The discussion of endocrine and hormonal alterations and disorders of the cardiovascular and respiratory systems, introduced in Pathophysiology I, continues in this

second course. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 404** 2 units (crs.)

Accel Legal and Ethical Care Practice

This course introduces the legal and ethical foundations of nursing practice. It will provide an understanding of the underlying legal and ethical principles on which nursing practice is based and emphasize the nurse's fiduciary role as a patient advocate. It focuses on both the rights and responsibilities of the professional nurse and the patient and examines use of the professional standards of practice. Pre/Co-requisites: Acceptance into the Accelerated Nursing Program and successful completion of the previous courses or consent of instructor.

- **Accelerated Nursing Program 411** 2 units (crs.)

Accel Selective Clinical: Childbearing Families

A clinical course, which utilizes the theory present in Nursing 412 as a basis for clinical activity related to the holistic health care of the childbearing client system in its unique context. The course provides a variety of opportunities in which the student will apply concurrently and previously learned theory in providing and coordinating care and health promotion activities for the childbearing family. The nursing student will have the opportunity to apply this knowledge through communication with individuals, families and through implementation of nursing interventions and the nursing process in the acute care setting. Prerequisites: Acceptance into the Accelerated Program and successful completion of the previous program courses or consent of the instructor. .

- **Accelerated Nursing Program 412** 2 units (crs.)

Accel Nursing: Childbearing Families

The childbearing family and the nurse's role in the holistic health care and health promotion of the childbearing family are the focus of this course. Individuals and changing relationships within the family will be addressed from a family development perspective. Normal physiological changes as well as psychosocial, environmental, and cultural influences and pathophysiological processes occurring during the reproductive cycle are included. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 416** 3 units (crs.)

Accel Nursing: Communities

An overview of the nursing roles of provider and coordinator of care and member for client systems of aggregates, and communities. Using relevant research, the diversity of these systems and their contexts is addressed as a basis for comprehensive community health services and primary health care. The nurse's responsibilities to these client systems as a member of the profession are highlighted. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 418** 3 units (crs.)

Accel Family & Community Nursing

A clinical course in which holistic care of individual, family, aggregate and community client systems including childbearing and/or child/adolescent families is implemented. Students will have opportunities to use the nursing process and provided nursing care that reflects sensitivity to cultural, social, political, ethical and environmental factors affecting health. Multiple settings and diverse client systems will enable students to participate in nursing as a provider, designer,

manager and coordinator of care. Standards of Family and Community Nursing will be utilized to guide practice. Prerequisites: Acceptance into accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 419** 3 units (crs.)

Accel Senior Clinical Synthesis

A senior-level capstone course designed to facilitate the student in preparing for role transition to the practice of the entry-level professional nurse. Students collaboratively plan the experience with a faculty advisor and professional registered nurse who has been approved to serve as a preceptor to the student. The experience can be arranged to focus upon one specific setting or to create an experience in which a variety of settings are merged where the student can practice the knowledge, skills and attitudes inherent in professional nursing. In this capstone experience the student has the opportunity to study various definitions of primary health care and to relate these ideas to the professional roles of provider of care, coordinator of care and member of the profession within a variety of clinical internship experiences. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor

- **Accelerated Nursing Program 423** 2 units (crs.)

Accel Nursing: Selective Clinical Children & Adolescents

Clinical practice in inpatient and/or acute care of ambulatory care settings based on application of clinical decision making in the nursing care of the pediatric client with selected health problems resulting from pathophysiological processes and the illness experience. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 424** 2 units (crs.)

Accel Nursing: Children and Adolescents

Role of the nurse in the health care of the child and adolescent from a family development perspective will be explored. The study of common physiological, behavioral, and psychosocial conditions are addressed as well as treatments, nursing interventions, and health promotion activities related to children and adolescents in their unique contexts. Primary health care needs of children and adolescents are addressed. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 426** 3 units (crs.)

Accel Mental Health Theory

The discussion of psychiatric/mental health nursing theory as applied to clients with mental health needs. Theoretical explanations of mental health and mental illness, manifestations and classifications of mental illness, major treatment modalities, and psychosocial interventions are discussed within the context of the broad sociocultural environment. While considering ethical, legal, and economic aspects, the nursing process in alteration in mental health functioning is emphasized. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 427** 2 units (crs.)

Accel Mental Health Clinical

This course will focus on the application of the nursing process to promote optimal health in clients and/or aggregates with acute or persistent impairments in mental health functioning. The attainment of therapeutic relationships to address mental health needs is stressed. The unique contributions of the nurse as a collaborating member of the interdisciplinary mental health

treatment team are emphasized. Critical thinking is encouraged as the student considers the emotional and sociocultural contexts of care, including legal and ethical issues. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 428** 2 units (crs.)

Accel Select Clinical: Aging Client System

Clinical practice in inpatient and/or acute care of long-term care setting based on application of clinical decision making in the nursing care of the geriatric client system with selected health problems resulting from pathophysiological processes and the illness experience. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

- **Accelerated Nursing Program 437** 2 units (crs.)

Accel Leadership and Management in Nursing

This theory course focuses on the leadership and management responsibilities of the professional nurse as designer, manager, coordinator of care, and member of the profession. Emphasis is on facilitating growth in enhancing the qualities of mind and character essential to act in the public interest locally and globally to improve healthcare outcomes. Theories of leadership, decision-making, change, delegation, conflict management, advocacy, and continuous quality improvement are included in this course. Prerequisites: Acceptance into the Accelerated Nursing Program and successful completion of the previous courses or consent of instructor.

- **Accelerated Nursing Program 490** 1 unit (cr.)

Accel Seminar on Current Topics in Professional Nursing

Current topics in professional nursing are discussed in depth in relation to the implications for nursing and health care. The topic is expected to differ between offers. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses.

COLLABORATIVE PROGRAM

- **Nursing Collaborative Program 317** 4 units (crs.)

Health Assessment

Health History and Patient Assessment (N317) is a course for registered nurses emphasizing the skills essential to the assessment aspects of the nursing process. The course purpose is to broaden learners' knowledge base and increase their assessment skills and ability to recognize the wide range of "normal" health status in a clinical setting. The knowledge from this course is immediately applicable to everyday patient care. Pre/Co-requisite: Registered nurse (ADN or diploma) and pre-nursing general education courses or consent of department. (3+1)

- **Nursing Collaborative Program 341** 4 units (crs.)

Theoretical Foundations

Selected concepts and theories pertinent to the practice of professional nursing are developed. Historical, legal, cultural, economic and social factors that influence nursing and health care delivery are analyzed. Various philosophical perspectives upon professional nursing practice are considered. Nursing theories are addressed as frameworks for practice. Strategies are discussed for analyzing and managing ethical dilemmas in nursing and health care. Prerequisite: Registered nurse (ADN or diploma) and pre-nursing general education courses or consent of department.

- **Nursing Collaborative Program 434** 3 units (crs.)

Nursing Research

This course stresses the role of the nurse as a researcher and research consumer. It includes both quantitative and qualitative research. Skills necessary to critically read and evaluate nursing research and to utilize the results of research in practice are developed. The historical, legal and ethical aspects of nursing research are considered. Pre/Co-requisite: Collaborative Nursing Program 317 and Collaborative Nursing Program 341 or consent of department.

- **Nursing Collaborative Program 437** 4 units (crs.)

Management and Leadership

Examine nursing leadership and management using relevant theories and concepts. Explores leadership development, managing change, supervision, collaboration, critical thinking, communication and self-evaluation. Pre/Co-requisite: Collaborative Nursing Program 317 and Collaborative Nursing Program 341 or consent of department.

- **Nursing Collaborative Program 444** 3 units (crs.)

Community Health Nursing

This course introduces the learner to community health nursing concepts, roles and skills necessary to promote, protect and improve the health of individuals, families and populations in the community. Theoretical perspectives on individual, family and population health, epidemiology, levels of prevention, community as client, community assessment, and population-focused nursing interventions are addressed. Societal, cultural, political and environmental determinants of health along with ethical issues and principles of public policy and collaboration to protect and improve the health of the community are presented. Pre/Co-requisite: Collaborative Nursing Program 317 and Collaborative Nursing Program 341 or consent of department.

- **Nursing Collaborative Program 495** 1-5 units (crs.)

Special Topics

Special topics in nursing health care are offered. Course content is expected to differ from offering to offering. Prerequisite: Admitted to CNP Program or consent of instructor. (Elective)

- **Nursing Collaborative Program 496** 3 units (crs.)

Special Topics

Special topics in nursing health care are offered. Course content is expected to differ from offering to offering. Prerequisite: Admitted to CNP Program or consent of instructor. (Elective)

NURSING COURSES

- **Nursing 6** 0-0 units (crs.)

Nursing RN

All registered nurse students except those in a course offered by UW Oshkosh are required to register for the course (Nursing RN) each term. Other nursing students may be placed in NURSING 6 at the discretion of the program director. Prerequisite: Admission to UW Oshkosh and Registered Nurse. Pass/Fail course.

- **Nursing 105** 1 unit (cr.)

Introduction to Professional Nursing

This is a pre-nursing course designed to introduce students to the profession of nursing. Nursing's historical development, health care delivery systems, and the nurse's roles will be discussed. The concepts of professionalism and critical thinking will be introduced. The course will also emphasize the personal insight, capabilities and skills needed for successful

baccalaureate education. Corequisites: Nursing 200, Psychology 291, or Educational Foundations 377.

- **Nursing 120** 3 units (crs.)

Health Care System - Consumer Perspective

This course is intended to help the individual become a knowledgeable and responsible consumer of health care services by examining the progress and dilemmas in health care delivery. Content focuses on the patterns of health care utilization and delivery within the United States, the role of the United States in international health and factors influencing health care resources in international health. Projects will assist the student in investigating health care services available for a variety of potential health concerns. (Elective)

- **Nursing 200** 3 units (crs.)

Growth, Development and Health across the Life Span

This course examines growth and development as well as selected health entities from prenatal period through late adulthood. This will include discussion of physical growth and changes including fine and gross motor skill development. Also, included are concepts related to psychosocial development such as sensory, personality, language, gender identity, and moral development. Factors such as nutrition, sleep, exercise, environment and relationships, which are integral to achieving healthy growth and development are included. Prerequisite: Completion of or concurrent enrollment in Psychology 101.

- **Nursing 204** 3 units (crs.)

Caring and the Foundations of Nursing

This course introduces the student to the concepts of caring, the nursing process employing critical thinking, and human behavior as they relate to the nursing practice. The importance of effective communication with individuals, families and groups in order to develop caring relationships is emphasized. Health care challenges related to human behaviors are explored: stress, anxiety, grief, and crisis. Throughout the course, there is an emphasis on the personal development of caring as the basis for nursing practice. Prerequisite: Admission to the professional major or consent of department. Special course fees apply.

- **Nursing 205** 0.5-0.5 units (crs.)

Clinical: Long Term Care Focus

This clinical course will use the theory presented in Nursing 204 Health Assessment and Nursing 212 Application of Assessment and Foundation Skills as a basis for interaction with clients in a long term care environment. Clinical experiences will facilitate the safe performance of the communication and psychomotor skills necessary to complete a systematic health assessment along with providing basic nursing care. Emphasis is placed upon safe skill performance and professional behaviors. Prerequisite: Admission to professional major or consent of department.

- **Nursing 206** 2 units (crs.)

Health Assessment

This course focuses on the skills needed to complete a systematic health assessment of the child and adult client. Assessment of cultural differences and developmental stages of the individual is included. Therapeutic communication and interviewing skills are used to obtain a health history. Family assessment and nursing processes are introduced. Pre/Co-requisite: Admitted to professional major or permission of Undergraduate Program Director. Prerequisite: Admission to the professional major or consent of department. (Elective)

- **Nursing 210** 2-3 units (crs.)

Images and Experiences: Nursing and the Humanities

This course explores the relationship of the humanities to nurses and nursing care from a historical, philosophical and literary perspective. Course activities are designed to develop an appreciation of the utilization of the humanities which may affect the development of the nursing profession. (Elective)

- **Nursing 212** 2.5 units (crs.)

Application of Assessment and Foundation Skills

This course introduces professional nursing practice. Classroom and laboratory instruction will facilitate the safe performance of the communication and psychomotor skills necessary to complete a systematic health assessment along with providing basic nursing care. Emphasis is placed upon safe skill performance in a simulated clinical setting. Cultural and developmental implications of health assessment and client care are assessed. Prerequisite: Admission to the professional Major or consent of department. Special course fees may apply.

- **Nursing 213** 2 units (crs.)

Therapeutic Nutrition

This course focuses on the science of food and nutrients and the important part nutrition plays in the prevention and treatment of illness. The use of nutritional therapy will be explored as it related to physiological problems of various body systems. Students will apply principles of normal nutrition and basic assessment in planning nutritional care. Throughout the course emphasis will be placed on the role of the health professional in assisting the client toward optimal nutritional habits and the restoration and promoting of health. Prerequisites: Admitted to professional major or consent of department.

- **Nursing 214** 2 units (crs.)

Nursing: The Aging Client System

This course is an exploration of the role the nurse in the health care of older adults from a family development perspective. The course is designed to build upon previous and concurrent content in adult development, adult health, and mental health. Theories of aging and nursing theories are analyzed as bases for nursing care. Issues common to the aging clients' system are addressed and nursing implications are derived. Prerequisite: Admission to the professional major or consent of department.

- **Nursing 222** 3 units (crs.)

Wellness: A Challenge in Today's Society (GE)

Introduces the student to the concept of wellness as it influences his/her lifestyle and to the effects wellness has on every day comfort and performance. An opportunity will be provided for the student to learn about his/her personal health status. Various practices to improve personal quality of life will be explored. Wellness will be examined as a political and social commodity. (Elective)

- **Nursing 300** 2-3 units (crs.)

Honors: Images and Experience: Nursing and the Humanities

This course explores the relationship of the humanities to nurses and nursing from a historical, philosophical and literary perspective. Course activities are designed to develop an appreciation of the humanities which may affect the development of the nursing profession. (Elective)

- **Nursing 303** 2-3 units (crs.)

Healing Practices

A two-three credit nursing elective exploring a variety of healing approaches often considered "complementary" or "alternative" and outside the mainstream of Western medical/nursing practice. Global issues of belief and cultural practices are explored in relation to their impact on

healing practices. These discussions include Eastern healing methods of Chinese medicine, Native American healing beliefs and practices, Hmong healing practices, and Ayurveda and Unani healing methods of Indian populations. Class activities include group exercises in guided imagery, meditation, healing touch and relaxation. Motion and energy therapies, medicinal herbs, supplements, hypnosis, aroma therapy, reflexology, acupuncture and massage are discussed and/or demonstrated. (Elective)

- **Nursing 311** 1 unit (cr.)

Lab: Adult Health I

A clinical course focusing on selected psychomotor skills correlating with the Adult Health I theory and Adult I clinical Courses (Nursing 312, Nursing 313). Laboratory experiences are designed to examine the theory and principles, as well as provide opportunities to develop and refine the neuromuscular coordination in skill performance. Prerequisite: Nursing 212, concurrent enrollment Nursing 311, 312, 313.

- **Nursing 312** 3 units (crs.)

Adult Health I

The nursing process is applied in the care of adults who are experiencing non-complex acute illness episodes. The nursing interventions that utilize concepts of restorative care and health promotion are emphasized to promote health. Concepts of caring and client empowerment will be used. The environments that influence restorative care and health promotion will be explored and utilized. Systematic inquiry related to restorative care and health promoting will be emphasized. Prerequisite: Nursing 212, concurrent enrollment in Nursing 311, 312, 313. Special course fees apply.

- **Nursing 313** 2 units (crs.)

Clinical: Adult Health I

This clinical course will use the theory presented in the Adult Health I as a basis for interacting with adult client systems in a variety of environments. Clinical experiences will provide opportunities for students to take part in the health restoration of adult client systems using various models of coordinated care to provide opportunities to help client/patients recover. This may include home follow-up, coordinating care needs and referral to or arrangements for community resources. Clinical activities also provide a rich source of knowledge and skill development. Prerequisite: Nursing 212, concurrent enrollment in Nursing 311, 312, 313.

- **Nursing 314** 3 units (crs.)

Nursing: Adult Health II

The focus of this course will be the utilization of the nursing process in the care of adult clients in various environments who have chronic conditions, complex conditions, or multisystem failure. The nursing intervention that utilizes concepts of restorative care and health promotion are emphasized. Concepts of caring and client empowerment introduced in Adult Health I will be further expanded upon. The environments that influence restorative care and health promotion will be explored and utilized. Systematic inquiry related to restorative care and health promotion will be emphasized. The student will also be exposed to the concept of coordinated care. Prerequisites: Nursing 313, concurrent enrollment in Nursing 314, 315, 319. Special course fees apply.

- **Nursing 315** 3 units (crs.)

Clinical: Adult Health II

This course will focus on the application of the nursing process to promote optimal health in clients with long-term mental and physical impairments. While the focus is on the individual

client, the influences of family and community systems are also appreciated in the provision of care. The tertiary level of prevention is emphasized, while primary and secondary prevention strategies are also implemented as appropriate. The development of long-term caring relationships to address the psychosocial needs of clients is stressed. While the emphasis is on the unique contributions of nursing, the multidisciplinary approach to providing care of clients with long-term health needs is also recognized. Prerequisites: Nursing 313, concurrent enrollment in Nursing 314, 315, 319. Special course fees apply. (0+2.5)

- **Nursing 317** 3 units (crs.)

Adult Health I Clinical Honors

This clinical course will use the theory presented in the Adult Health I as a basis for interacting with adult client systems in a variety of environments. Clinical experiences will provide opportunities for students to take part in the health restoration of adult client systems using various models of coordinated care to provide opportunities to help clients/patients recover. This may include home follow-up, coordinating care needs and referral to or arrangements for community resources. Clinical activities also provide a rich source of knowledge and skill development. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title. Special course fees apply.

- **Nursing 319** 1 unit (cr.)

Laboratory: Adult Health II

A clinical course focusing on selected psychomotor skills correlating with the Adult Health II theory and Adult II clinical courses. Laboratory experiences are designed to examine the theory and principles, as well as provide opportunities to develop and refine the neuromuscular coordination in skill performance. Prerequisites: Nursing 313, concurrent enrollment in Nursing 311, 312, 313.

- **Nursing 320** 2 units (crs.)

Directed Clinical Study

Clinical practice in an accredited health care agency that offers a structural externship/internship program for nursing students. Student is under direct supervision of a registered nurse and performs selected nursing care activities. Program includes classroom/library time for independent study and evaluation of performance. Course enrollment requires planning of learning objectives with and approval by the Undergraduate Program Director. Prerequisite: Nursing 313. (Elective)

- **Nursing 321** 2 units (crs.)

Directed Clinical Study-Repeatable

Clinical practice in an accredited health care agency that offers a structured externship/internship program for nursing students. Student is under direct supervision of a registered nurse and performs selected nursing care activities. Program includes classroom/library time for independent study and evaluation of performance. Course enrollment requires planning of learning objectives with and approval by the Undergraduate Program Director. Prerequisite: Nursing 315 (Repeatable for up to 6 credits). (Elective)

- **Nursing 324** 1 unit (cr.)

Ornt to Major Rn

Discusses areas of primary concern for registered nurses returning to school to complete requirements for a baccalaureate degree in nursing. Discussion includes baccalaureate education trends and expectations, learning needs and learning styles, the professional roles of the nurse,

and history that has affected these roles. Prerequisite: Registered Nurse, a graduate from a diploma or associate degree nursing program, ability to use library and other learning resources or consent of department. Pass/Fail (1+0)

- **Nursing 328** 2 units (crs.)

Research Evidence-Based Practice

A two-credit course offered Junior I focusing on using evidence-based research in practice. This course builds on a firm grounding in and an appreciation for the use of literature and inquiry in learning. The course assumes a close interrelationship of practice, theory and research will be used to help students assume responsibilities as a member of a professional discipline, i.e., remaining current in practice, evaluating care and practice, promoting quality and seeking ways to improve practice through evidence or gain insights into current care and treatment modalities. Prerequisite: Nursing 212 or consent of department.

- **Nursing 336** 2 units (crs.)

Pharmacology I

This course focuses on pharmacologic interventions in nursing including the related nursing responsibilities. This course provides an overview of the clinical application of classifications of drugs on human systems. The use, action, response, side effects and adverse reactions for selected major drug classifications will be presented to correlate with Adult I and Pathophysiology I. Prerequisite: Nursing 212 or consent of instructor.

- **Nursing 340** 2-3 units (crs.)

Health Practices With Ethnic Groups (ES)

The course discusses and explores beliefs, practices and traditions pertaining to cultural health and healing traditions. Uses a comparative approach emphasizing cross-cultural similarities and differences; and focuses on value of orientation as it affects health care of persons with different ethnic backgrounds. Pre/Co-requisite: Sophomore standing.

- **Nursing 346** 2 units (crs.)

Pharmacology II

This course focuses on pharmacologic intervention in nursing including the related nursing responsibilities. This course provides an overview of the clinical application of classifications of drugs on human systems. The use, action, response, side effects and adverse reactions for selected major drug classifications will be presented. Prerequisites: Nursing 313 or consent of department.

- **Nursing 348** 3 units (crs.)

Pathophysiology I

This first of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the body structure or functions. Conditions in which altered metabolism, inadequate supply and use of oxygen; altered blood and nutrient transport; fluid, electrolyte and acid-base imbalances and altered structures of bones and/or muscles are discussed. The body defenses, including the stress response and the interrelationship of the physical, emotional and psychological responses in actual disease or disease threats are included in the course. Prerequisite: Nursing 212 or consent of department.

- **Nursing 358** 3 units (crs.)

Pathophysiology II

This first of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the body structure or functions. Conditions in which altered metabolism,

inadequate supply and use of oxygen; altered blood and nutrient transport; fluid, electrolyte and acid-base imbalances and altered structures of bones and/or muscles are discussed. The body defenses, including the stress response and the interrelationship of the physical, emotional and psychological responses in actual disease or disease threats are included in the course.

Prerequisites: Nursing 313 or consent of department.

- **Nursing 359** 4 units (crs.)

Pathological & Pharmacological Perspectives in Athletic Training & Health Promotion

This interdisciplinary course will offer an overview of human responses to inactivity, illness/disease and injury. The action, response, side effects and adverse reactions and contraindications for selected major drug classifications will be presented. All content will describe interactions in the ultimate context of health promotion and disease prevention. For Athletic Training majors. (Elective)

- **Nursing 360** 2-3 units (crs.)

Health Care of the Working Population

An introduction to factors that influence the role of nursing and health care services in an occupational health care setting. Health risks of the work environment on the worker are discussed in relation to occupational illnesses and injuries, disease prevention and health promotion, and legal and ethical issues. Pre/Co-requisite: Nursing 313 or RN status. (Elective)

- **Nursing 361** 2-3 units (crs.)

Human Health and the Environment

A systems perspective is used explain the interconnections between human and ecosystem health as evident through current and emerging environmental health problems. Emphasis is on the influence of environmental agents on human health based on relevant epidemiologic, toxicologic, and exposure factors. Specific topics will include physical, chemical, and biological agents, routes and pathways of exposure, specific environmentally related diseases, vulnerable populations, and the legal context of environmental health. Prerequisite: Placement: Junior or Senior Standing or consent of instructor. (Elective)

- **Nursing 362** 2-3 units (crs.)

Forensic Nursing

Forensic Nursing encompasses providing care to victims of crime, collecting evidence, and acting as a liaison between nursing and the criminal justice system. The nurse's role in forensics and application to practice through the nursing process will be examined. Current issues impacting health care and the field of forensics will be explored. Specific techniques of forensic nursing will be discussed. Prerequisite: Nursing 206, Health Assessment. (Elective)

- **Nursing 380** 2-3 units (crs.)

Women's Health: Issues and Nursing Practice (SS)

An overview of the health care of women from a nursing perspective. The status of women as health care professionals, as well as clients in the health care system, is explored. Aspects of health promotion and female health related problems are studied with the incorporation of psycho-socio-political aspects. Content related to childbearing will not be addressed. Open to majors and non-majors. Cross-listed: Nursing 380/Women's Studies 380. Students may receive credit for only one of the two cross-listed courses. (Elective)

- **Nursing 381** 1 unit (cr.)

Health

A basic course that emphasizes practices for health promotion and maintenance. The concept of health will be explored in the context of religion, relationships, and culture, factors such as nutrition, safe environment, sleep and rest, exercise, activity, and leisure will also be discussed. Pre/Co-requisite: Nursing 204. (Elective)

- **Nursing 390** 2-3 units (crs.)

Introduction to Critical Care Nursing

The focus is beginning practice in adult critical care nursing. The management modalities and collaborative roles are examined within the framework of the nursing process and critical care situations. Prerequisites: Completion of Junior I courses or approval of the professor. (Elective)

- **Nursing 404** 2 units (crs.)

Legal & Ethical Nursing Care Practice

This course introduces the legal and ethical foundations of nursing practice. It will provide an understanding of the underlying legal and ethical principles on which nursing practice is based and emphasize the nurse's fiduciary role as a patient advocate. It focuses on both the rights and responsibilities of the professional nurse and the patient and examines use of the professional standards of practice. Prerequisite Nursing 315 or department consent.

- **Nursing 405** 3 units (crs.)

Health Assessment

Identification of health status of the individual at all ages through history, interview, physical examination; recognition of differences in physiological function and psychosocial behavior; assessment of developmental stages of the individual and relationship to family unit; exploration of collaborative role development by nurse and physician in primary health care delivery. This course is a prerequisite for Nursing Graduate Students.

- **Nursing 408** 3 units (crs.)

Management of Emergency Medical Services

This theory course focuses on the role of the professional fire and emergency manager as coordinator and member of the profession. Emphasis is on facilitating lifelong learning and enhancing the qualities of mind and character that are necessary to act in the public interest, ethics and legal issues in fire and emergency management are included throughout the course as well as the theories of leadership, decision-making, change, and the advocacy process. (Elective)

- **Nursing 409** 3 units (crs.)

Nursing Care at the End of Life (TC)

This course will focus on the nurse's role in end-of-life-care. Content related to pain management, symptom management, ethical/legal issues, cultural considerations, communication, grief, loss, and bereavement, achieving quality care and preparation and care for the moment of death are included. Care of the individual, and family, and support of the professional caregiver are emphasized. (Elective)

- **Nursing 410** 2-3 units (crs.)

Nursing in the School Setting

Use of the nursing process to conduct a school health program is the basis of this course. Roles of health provider, manager, counselor, educator, and advocator are explored. Professional development of the nurse and research in the setting are discussed. Prerequisites: Nursing 314, 315, 319, 346, 358 and Admission to the Clinical Major. (Elective)

- **Nursing 411** 2 units (crs.)

Clinical Elective: Childbearing Family

A clinical course which utilizes the theory presented in Nursing 412 as a basis for clinical activity related to the holistic health care of the childbearing client system in its unique context. The course provides a variety of opportunities in which the student will apply concurrently and previously learned theory in providing and coordinating care and health promotion activities for the childbearing family. The nursing student will have the opportunity to apply this knowledge through communication with individuals, families and through the implementation of nursing interventions and the nursing process in the acute care setting. Prerequisite: Nursing 315 and Nursing 412 (may be taken concurrently).

- **Nursing 412** 2 units (crs.)

Nursing: Childbearing Families (SS)

The childbearing family and the nurse's role in the holistic health care and health promotion of the childbearing family are the focus of this course. Individuals and changing relationships within the family will be addressed from a family development perspective. Normal physiological changes as well as psychosocial, environmental, and cultural influences and pathophysiological processes occurring during the reproductive cycle are included. Cross-listed Nursing 412/Women's Studies 412. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Nursing 315 or consent of department.

- **Nursing 415** 3 units (crs.)

International Studies in Nursing and Health

International Studies in Nursing and Health provides undergraduate students with opportunities to examine nursing, health, and health care in other countries. Students observe similarities and differences among health care facilities through hospital and health related agency tours. Lecture/discussions with host country representatives and professionals involved in nursing education, practice and administration of nursing and health care provide student opportunities to gather and compare information with their current knowledge of the American health care system. Several nursing specialty areas are addressed within their current knowledge of the American health care system. Prerequisite: Nursing 315 or permission of Undergraduate Program Director and Academic Standing Committee. (Elective)

- **Nursing 416** 3 units (crs.)

Nursing: Communities

An overview of the nursing roles of provider and coordinator of care and member for client systems of aggregates, pluralities, and communities. Using relevant research, the diversity of these systems and their contexts is addressed as a basis for comprehensive community health services and primary health care. The nurse's responsibilities to these client systems as a member of the profession are highlighted. Prerequisites: Nursing 315 or consent of department. Special course fees apply.

- **Nursing 418** 3 units (crs.)

Clinical: Family and Community Nursing

In this clinical course students will apply theory to the holistic care of families and populations. Students will have opportunities to use the nursing process and provide nursing care that reflects sensitivity to cultural, social, political, ethical, financial, and environmental factors affecting health. Multiple settings and diverse client populations will enable students to participate in nursing as a provider, designer, manager and coordinator of care. Prerequisite: Concurrent enrollment or completion of Nursing 412, 416, and 424.

- **Nursing 419** 4 units (crs.)

Clinical Synthesis Seminar

This clinical course, with a seminar component, is designed to facilitate the student in preparing for role transition to the practice of the entry-level professional nurse, through synthesis, application, and evaluation of the knowledge, skills, and attitudes needed in promoting quality nursing care. Students collaboratively plan the experience with a faculty advisor and professional registered nurse who has been approved to serve as a preceptor to the student. In this course, the student has the opportunity to apply and evaluate the professional roles of provider of care, coordinator of care, and member of the profession within a variety of experiences. Prerequisites: May not progress to the professional portion until successful completion of Nursing 426, 427, 437. Special course fees apply.

- **Nursing 421** 2 units (crs.)

Clinical Elective: Childbearing Families

A clinical course which utilizes the theory presented in Nursing 412 as a basis for clinical activity related to the holistic health care of the childbearing client system in its unique context. The course provides a variety of opportunities in which the student will apply concurrently and previously learned theory in providing the coordinating care and health promotion activities for the childbearing family. The nursing student will have the opportunity to apply this knowledge through communication with individuals, families and through implementation of nursing interventions and the nursing process in the acute care setting. Prerequisite: Nursing 315 and 424 (may be taken concurrently). (Elective)

- **Nursing 423** 2 units (crs.)

Clinical Elective: Children and Adolescents

Clinical practice in inpatient and/or acute care or ambulatory care settings based on application of clinical decision-making in the nursing care of the pediatric client system with selected health problems resulting from pathophysiological processes and the illness experience. Prerequisite: Nursing 315 and 424 (may be taken concurrently). (Elective)

- **Nursing 424** 2 units (crs.)

Nursing: Children and Adolescents

Role of the nurse in the health care of the child and adolescent from a family development perspective will be explored. The study of common physiological, behavioral, and psychosocial conditions are addressed as well as treatments, nursing interventions, and health promotion activities related to children and adolescents in their unique contexts. Primary health care needs of children and adolescents are addressed. Prerequisites: Nursing 315 or consent of department.

- **Nursing 426** 3 units (crs.)

Nursing: Mental Health

The discussion of psychiatric/mental health nursing theory to clients with mental health needs. Theoretical explanations of mental health and mental illness, manifestations and classifications of mental illness, major treatment modalities, and psychosocial interventions are discussed within the context of the broad sociocultural environment. While considering ethical, legal, and economic aspects the nursing process in alterations in mental health functioning is emphasized. Prerequisites: Nursing 412, 416, 418, 424.

- **Nursing 427** 3 units (crs.)

Clinical: Mental Health Nursing

This course will focus on the application of the nursing process to promote optimal health in clients and/or aggregates with acute or persistent impairments in mental health functioning. The attainment of therapeutic relationships to address mental health needs is stressed. The unique contributions of the nurse as a collaborating member of the interdisciplinary mental health

treatment team are emphasized. Critical thinking is encouraged as the student considers the emotional and sociocultural contexts of care, including legal and ethical issues. Prerequisites: Nursing 412, 416, 418, 424.

- **Nursing 430** 2-3 units (crs.)

Nursing Management of Perinatal Patients at Risk

Describes nursing responsibilities in the care of childbearing women, fetuses and neonates at risk who are undergoing diagnostic and status assessments with various technological modalities. Potential and actual complications of childbearing women and the related role of professional nursing are discussed. The implications to the fetus and neonate are interrelated with the perinatal risk. Nursing management contributing to the reduction of perinatal risks is emphasized and the influences of technology and research along with trends are explored. Prerequisite: Nursing 412. (Elective)

- **Nursing 431** 3 units (crs.)

Intraoperative Nursing

Three units (cr.) elective designed to give the student in-dept knowledge of intraoperative nursing. The student acquires knowledge and practice related to aseptic technique, positioning, basic surgical instrumentation, and prioritizing care for the surgical client. Legal and ethical principles will be applied in guiding nursing care, problem solving, and applying research process during the intraoperative phase to best meet clients' needs and collaborate with other members of the surgical team. (Elective)

- **Nursing 437** 2 units (crs.)

Leadership and Management in Nursing

This theory course focuses on the leadership and management responsibilities of the professional nurse as designer, manager, coordinator of care, and member of the profession. Emphasis is on facilitating growth in enhancing the qualities of mind and character essential to act in the public interest locally and globally to improve healthcare outcomes. Theories of leadership, decision-making, change, delegation, conflict management, advocacy, and continuous quality improvement are included in this course. Prerequisites: Nursing 412, 416, 418, 424.

- **Nursing 438** 3 units (crs.)

Community Health Nursing Clinical RN

A course for registered nurses that focuses on the management of nursing care for individual families and groups. The promotion of optimal level of functioning of clients and groups in the community and the interdisciplinary approach to clients is applied in the clinical experiences. Prerequisites: Concurrent with or following Collaborative Nursing Program 444. Completion of Collaborative Nursing Program 317, 341, and, if possible, Collaborative Nursing Program 434 consent of department.

- **Nursing 440** 3 units (crs.)

Ethics Issues in Nursing and Healthcare

Selected ethical issues which influence nursing practice are analyzed from both an ethical and legal perspective. Current models for ethical decision-making are explored and applied in the analysis of selected ethical problems in nursing practice. The student is encouraged to examine and clarify personal and professional values. The relationships between nursing and health care issues are explored. (Elective)

- **Nursing 448** 4 units (crs.)

Clinical Nursing Synthesis RN

A clinical course designed to assist the registered nurse to apply, synthesize and evaluate the knowledge, skills, and attitudes needed by the professional nurse for leadership in promoting quality nursing care. Practicum experiences are individualized to meet the course objective and the individual needs or interests of the student in the roles of practitioner, manager, teacher, and leader. Prerequisites: Satisfactory completion of Collaborative Nursing Program 341, 317, 434, 444, and Nursing 438 or consent of department.

- **Nursing 450** 2-3 units (crs.)

Computers in Nursing Practice

Aimed at increasing student's contact and skill with computers as well as the application of these skills to nursing practice. Focus is on the current and future use of computers in nursing such as patient education, inservice education, and record keeping. Legal and ethical implications of the use of computers in health care are explored. Open to Majors and Non Majors. (1.5 +.5 or 1.5+1.5) (Elective)

Nursing 451 2-3 units (crs.)

Issues in Health Care Informatics

This course is focused on the developing field called Health Care Informatics, which combines Nursing and Medical science, computer science, and information/decision science. Students will examine related issues of applying informatics concepts within complex health care organizations and administrative structures. Content is directed toward assisting the student to understand the relationships between the current state of medical and nursing science, health care administration, management and payment information and the complex issues involved in Health Care Informatics. Professional standards issues are emphasized. Research, practice, education and administration implications are analyzed. Among the many topics discussed are ethical, social cultural, economic, privacy, confidentiality and legal issues. (Elective)

- **Nursing 452** 3-4 units (crs.)

Health Care Information Systems

This course will provide theoretical and practicum components which focus on process of evaluating and choosing a Health Care Information System. The course will assist the student to identify the critical needs which the Health Care Information System is to address. Different methods of evaluation will be presented and discussed in terms of how they apply to Health Care Information Systems. The evaluation process will begin with identifying the needs of the organization presenting them in an organized manner so the vendors can address the identified needs followed by mechanisms for evaluation. (Elective)

- **Nursing 460** 2-3 units (crs.)

Nursing Care of the Substance Abusing Client

Designed for the student nurse who wishes to achieve an in-depth understanding of the nursing care of clients who are substance abusers. Focus is on the nurse's role in the diagnosis and treatment of the human responses related to substance abuse and addiction. The Standards of Addiction Nursing Practice with Selected Diagnoses and Criteria provides a framework for the content. Emphasis is on achieving an in-depth understanding of the etiological factors associated with substance abuse, the health needs of particular groups of substance abusers, and the treatment strategies required in the nursing care of substance abusing clients and their families. Prerequisite: Nursing 202. (Elective)

- **Nursing 474** 2-3 units (crs.)

Honors: Thesis

An honors thesis project of advanced independent endeavor in the area of nursing health care; e.g., a written thesis, scientific experiment, or research project. Proposals must show clear promise of honors level work and be approved. (Elective)

- **Nursing 480** 2-3 units (crs.)

Topical Seminar in Advanced Clinical Pharmacology I

Advanced principles and concepts of clinical pharmacology and the related nursing responsibilities are synthesized through the analysis of clinical case studies. The pharmacodynamics of selected drug categories will be analyzed in relation to case studies. Legal and ethical responsibilities are discussed in relation to the role of the nurse. This series of topical drug categories will include: Immunizations, Endocrine/hormones, Oncology, Anti-infective, Analgesics, and Gastrointestinal. Prerequisites: Successful completion Nursing 346. (Elective)

- **Nursing 481** 2-3 units (crs.)

Topical Seminar in Advanced Clinical Pharmacology II

Advanced principles and concepts of clinical pharmacology and the related nursing responsibilities are synthesized through the analysis of clinical case studies. The pharmacodynamics of selected drug categories will be analyzed in relation to case studies. Legal and ethical responsibilities are discussed in relating of the role of the nurse. This series of topical drug categories will include: Cardiovascular, Respiratory, Neurological, and Renal. Prerequisite: Nursing 346. (Elective)

- **Nursing 490** 2 units (crs.)

Topics in Nursing

Current topics in professional nursing are discussed in relation to the implications for nursing and health care. The topic is expected to be different between offerings. (Elective)

- **Nursing 495** 1-5 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.(Elective)

- **Nursing 496** 1-3 units (crs.)

Honors: Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.(Elective)

Philosophy

Information

John Burr, Chairperson
Department Office: Polk 43
Department Telephone: 920-424-1366
Code 76 or PHIL

Faculty

- Burr, Carlin, Cordero, Herzberg, Kyburg

Degrees

- **Undergraduate:** A major in Philosophy can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** The Department does not offer a graduate program.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers a single major, the Philosophy Major.
3. **THE MINOR**
 - The Department offers 1 minor: 1) Philosophy - Liberal Arts.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Philosophy major or minor. Refer to the following Sections for complete major/minor course requirements.

Required Core Courses

- **Philosophy**
 - Philosophy 101 Elementary Logic 3 cr. or Philosophy 202 Symbolic Logic 3 cr.
 - Philosophy 105 Ethics 3 cr. or Philosophy 106 Honors: Ethics 3 cr.
 - Philosophy 109 Introduction to Philosophy 3 cr. or Philosophy 110 Honors: Introduction to Philosophy 3 cr.

The Major(s), with Emphasis and/or Options

PHILOSOPHY MAJOR

Recommended for students who seek either a traditional liberal arts education or a broad, liberal background as preparation for professional study in various disciplines which fundamentally are various philosophies in action. Even so-called common sense is shot through with the fading hues of past philosophies. Philosophy deals with important and fascinating problems unanswered by the natural or social sciences. The subject has a great appeal for those interested in answers to fundamental questions about the nature of reality, human beings and society. The word "philosophy" comes from the ancient Greek meaning love of wisdom.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the Core Courses, three of the following are required:
 - **Philosophy:** Philosophy 301, 305, and either 309 or 319 or 422
 - **Electives:** Sufficient courses from the Department's offerings to meet the 36 unit (cr.) requirement.

The Minor(s)

1. PHILOSOPHY (LIBERAL ARTS) MINOR

- **Required Units (crs.):** 24 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Philosophy:** Philosophy 301 or 305.
- **Electives:** Sufficient courses from the Department's offerings to meet the 24 unit (cr.) requirement.

Course Offerings

- **Philosophy 101** 3 units (crs.)
Elementary Logic (HU)

Analysis of reasoning, deductive and inductive, designed to aid the development of critical thinking. Examples illustrating the use of logical and illogical reasoning drawn from selected exercises and current literature.

- **Philosophy 105** 3 units (crs.)

Ethics (HU)

Analysis of the principal theories of ethics and their practical application to problems concerning the individual and society. Proposed methods of justifying moral principles will be examined.

- **Philosophy 106** 3 units (crs.)

Honors: Ethics (HU)

Studies the two principal questions of ethics: What is good? and What is the right thing to do? The answers to these two questions which have been given by serious thinkers in the past will be examined and evaluated, and applications will be made to present-day matters. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Philosophy 109** 3 units (crs.)

Introduction to Philosophy (HU)

A survey of some of the perennial problems of the human enterprise; the nature of reality, of truth, of beauty, of ideal political and social relationships, and of the good life; solutions to these problems offered by the best known Greek, medieval, and modern philosophers.

- **Philosophy 110** 3 units (crs.)

Honors: Introduction to Philosophy (HU)

An introduction to philosophical study of perennial problems of knowledge, truth, reality, value, religion, the fine arts, ideal social and political arrangements, and the good life. Solutions to these problems offered by some of the best known figures in the history of philosophy.

Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Philosophy 202** 3 units (crs.)

Symbolic Logic

An examination of the formal characteristics of deductive inference and deductive systems. Particular attention will be given to truth functions, general quantification theory and the scope and limits of formal logic. Prerequisite: Philosophy 101 or consent of instructor.

- **Philosophy 205** 3 units (crs.)

Ethical Issues in a Diverse Society (ES)

This course examines a number of moral issues that are currently debated in our society. Among those examined are ones that arise from opposing views of social justice and from difference in cultural and racial perspectives. The role of various ethical theories in clarifying these controversial moral issues is studied. Prerequisite: None.

- **Philosophy 207** 3 units (crs.)

Philosophy of Religion (HU)

A critical examination of such problems as the nature of religion, the existence of evil, the existence of God; the nature of religious knowledge, and the relation of reason and religious faith. Prerequisites: Philosophy 101 or 105 or 109 or consent of instructor.

- **Philosophy 211** 3 units (crs.)

Philosophy in India (NW)

A scrutiny of Indian philosophic systems and arguments from the Upanishads, Buddhism, Jainism, and Materialism to Gandhi and Radhakrishnan. Satisfies General Education requirement of 3 units (crs.) in non-Western studies.

- **Philosophy 215** 3 units (crs.)

Philosophy of Art (HU)

The major philosophies of artistic experience, creation, and criticism. Particular attention to the devising of standards of evaluating works of art.

- **Philosophy 221** 3 units (crs.)

Philosophy in China (NW)

Philosophical character of Chinese literature. Naturalistic Taoism and moralistic Confucianism coming to unification and systematic self-realization in Neo-Confucianism through the challenge of Buddhism and Western Philosophy. Reason, humanity, and nature as Trinitarian harmony in Chinese philosophy. Satisfies General Education requirement of 3 units (crs.) in non-Western studies.

- **Philosophy 223** 3 units (crs.)

Honors: Philosophy in China (NW)

Philosophical character of Chinese literature. Naturalistic Taoism and moralistic Confucianism coming to unification and systematic self-realization in Neo-Confucianism through the challenge of Buddhism and Western Philosophy. Reason, humanity, and nature as Trinitarian harmony in Chinese philosophy. Satisfies General Education requirement of 3 units (crs.) in non-Western studies. Prerequisite: University Honors status.

- **Philosophy 225** 3 units (crs.)

Philosophy of Love (HU)

An examination of philosophical views of the nature and definition of love and its role and importance in human life.

- **Philosophy 301** 3 units (crs.)

History of Ancient Western Philosophy

Major ancient philosophers from the Ionians to St. Augustine. The relevance of their thought to contemporary philosophical problems. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 305** 3 units (crs.)

History of Modern Western Philosophy

Major Western philosophers from the Renaissance to the close of the nineteenth century. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 306** 3 units (crs.)

The Philosophy of Emotion

A survey of influential philosophical views of emotion. Topics include "feeling-center" versus "cognitivist" theories of emotion, the relationship between emotion and other sorts of mental state, how types of emotion differ from one another, the evaluation of emotional states in terms of reasonableness or appropriateness, and the value of emotion in a human life. Prerequisite: One prior philosophy course or consent of instructor.

- **Philosophy 307** 3 units (crs.)

Philosophy in Literature

An examination of important philosophical problems found in selected novels and plays. Works by such authors as Dostoevsky, Sartre, and Voltaire are studied.

- **Philosophy 309** 3 units (crs.)

Contemporary Philosophy

A critical examination of some of the important philosophical movements of the last hundred years, such as pragmatism, logical atomism, logical positivism, linguistic analysis, and existentialism. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 311** 3 units (crs.)

Bioethics

An examination of ethical issues in various aspects of the life sciences and public health care such as medicine, eugenics, birth control, behavior control, experiment and consent, health care delivery, death and dying, etc. Prerequisites: Philosophy 105 or 106 or consent of instructor.

- **Philosophy 312** 3 units (crs.)

Existentialism and Other Movements in Continental Philosophy

A philosophical examination of the major themes in existentialist and other European movements such as phenomenology, structuralism, and critical theory, with readings from central figures such as Kierkegaard, Nietzsche, Heidegger, Sartre, Jaspers, Derrida, Habermas, and Foucault. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 314** 3 units (crs.)

Philosophy of History

A critical examination of various theories of the nature of historical explanation and of various speculative theories of history such as those of Augustine, Vico, Hegel, Spengler, and Toynbee. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 315** 3 units (crs.)

Philosophy of Science

The nature and function of science. The scientific method and the growth of several important scientific theories. Philosophical issues involved in the basic concepts and procedures of science and the problems created by the growth of science. Prerequisite: Philosophy 101 or 105 or 109 or consent of instructor.

- **Philosophy 316** 3 units (crs.)

Introduction to Cognitive Science

Cognitive Science is an interdisciplinary study of the nature of human thought. Philosophical, psychological, linguistic, and artificial intelligence approaches to reasoning, perception and cognition are examined. Prerequisite: Philosophy 105 or 109 or Psychology 201 or consent of instructor.

- **Philosophy 319** 3 units (crs.)

Theory of Knowledge

A study of recent and important theories of knowledge. Prerequisite: Philosophy 109 or consent of instructor.

- **Philosophy 325** 3 units (crs.)

Social and Political Philosophy

Philosophical analyses of key concepts and issues related to the nature and proper governance of human societies. Such issues as the purpose of society, economic and social justice, political freedom, and the basis of law, rights, and authority will be examined. Prerequisite: Philosophy 105 or consent of instructor.

- **Philosophy 327** 3 units (crs.)

Philosophy of Mind

A study of the nature of the mind and its philosophical implications: What is the relationship between mind and body? What is the relevance of scientific investigations for philosophical questions about 'mental' phenomena? How is the study of mind and consciousness essential to

philosophy itself since the time of Plato? Prerequisite: Philosophy 105 or 109 or consent of instructor.

- **Philosophy 329** 3 units (crs.)

Contemporary Ethical Problems

An intensive and rigorous analysis of one or more of the central issues in ethical theory, or of one or more of the central moral philosophers of the contemporary period. This is essentially a continuation of Philosophy 105 at a more advanced level. Prerequisite: Philosophy 105 or consent of instructor.

- **Philosophy 330** 3 units (crs.)

Business and Ethics

An examination of the ethical problems facing different aspects of American business such as the morality of a market economy, the social responsibility of corporations and the honesty of advertising. Prerequisites: Philosophy 105 or 106 or consent of instructor.

- **Philosophy 331** 3 units (crs.)

American Philosophy

This course will examine critically the allegedly distinctive American philosophy of Pragmatism from C.S. Peirce, William James, and John Dewey through revisions and criticisms by some contemporary American philosophers. Prerequisite: Philosophy 109 or 305 or 309 or 312 or consent of instructor.

- **Philosophy 345** 3 units (crs.)

Philosophy of Law

An examination of philosophical issues centering on law--to include topics such as the origin and nature of law, truth and legal interpretation, the role of evidence in legal determinations, the moral justification of legal punishment and coercion, fairness and the law, and the relations between moral and legal rights and duties. Prerequisite: Philosophy 105 or consent of instructor.

- **Philosophy 422** 3 units (crs.)

Philosophy of Language

A philosophical scrutiny of the nature and functions of language, theories of meaning, private languages, and linguistic relativity with emphasis on the writings of such influential linguistic philosophers as Wittgenstein, Ryle, Austin and others. Prerequisites: Philosophy 105 or 106 or 109 or 202 or consent of instructor.

- **Philosophy 426** 1-3 units (crs.)

Selected Topics in Philosophy

The intensive study of a topic not covered in the curriculum. Information about a Selected Topics course announced in the Timetable can be obtained at the Department of Philosophy office. This course may be repeated with different content.

- **Philosophy 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Philosophy 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Philosophy 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g. a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

Physics and Astronomy

Information

Michael Briley, Chairperson
Department Office: Halsey Science 337
Department Telephone: 920-424-4433
Code 80 or PHYS SCI, 82 or PHY/AST, 85 or PRAC ART

Faculty

- Briley, Jambunathan, Kaltcheva, Lattery, Rioux, Stojilovic

Degrees

- **Undergraduate:** A major in Physics can lead to the degree(s): Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** See Department for details.

Summary of Fields of Study

1. GOAL(S)

- Upon completion of a Physics major, students will be able to determine specified information about a physical system using basic physics principles, mathematical representations, laboratory methods and instruments, and computer and graphical techniques; find and retrieve published or computer archived information; communicate physics concepts and results of scientific work in written and oral form.
- In addition to the above goals, Professional Emphasis majors will be able to use integrated principles of physics and advanced analytic and computational methods.
- Computer and Instrumentation Emphasis majors will be able to use the concepts and laboratory techniques of digital and analog electronics, digital signal processing techniques to improve and analyze digitized data, high level programming languages and assembler languages and assemble and use computer-interfaced equipment.
- Secondary Education Emphasis majors will be able to use appropriate apparatus and computers to teach physics concepts to high school students.

2. THE MAJOR(S)

- The Department offers a choice of 4 emphases within the Physics Major. These are: 1) Professional Emphasis in Physics, 2) Applied Physics Emphasis, 3) Secondary Education Emphasis, 4) Physics/Engineering Dual.
- 3. **THE MINOR(S)**
 - The Department offers 2 minor(s): 1) Physics - Liberal Arts, 2) Physics - Secondary Education.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Physics and Astronomy major or minor. Refer to the following for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- **Physics**
 - Physics/Astronomy 109 General Physics 5 cr.
 - Physics/Astronomy 110 General Physics 5 cr.
 - Physics/Astronomy 206 Introductory Modern Physics 3 cr.
 - Physics/Astronomy 222 Physics Laboratory I 2 cr.
 - Physics/Astronomy 307 Physical Optics 3 cr.
 - Physics/Astronomy 320 Classical Dynamics 3 cr.
 - Physics/Astronomy 322 Physics Laboratory II 2 cr.
 - Physics/Astronomy 408 Statistical Mechanics and Thermodynamics 3 cr.
- **Mathematics**
 - Mathematics 171 Calculus I 4 cr.
 - Mathematics 172 Calculus II 4 cr.
 - Mathematics 273 Calculus III 4 cr.
 - Mathematics 371 Differential Equations 3 cr.
- **Comment:**
The mathematics courses listed in the core are not counted as part of the required units (crs.) in the major emphases.
- **Course Offerings:**
 - **Group 1 Introductory Courses:** Physics/Astronomy 103, 104, 106, 107, 108, 109, 110, 113, 114, 123, 124.
 - **Group 2 Advanced Courses:** Physics/Astronomy 206, 222, 307, 320, 322, 408, 417, 418, 419, 422, 446, 451, 456, 474.

- **Group 3 Applied Physics Courses:** Physics/Astronomy 305, 309, 311, 319, 335, 405.
- **Group 4 Service Courses:** Physics/Astronomy 105, 201, 202.
- **Group 5 Physical Science Course:** Physical Science 101.
- **Group 6 Practical Arts Courses:** Practical Arts 101, 102, 251.

The Major(s), with Emphasis and/or Options

1. PHYSICS MAJOR

- **Professional Physics Emphasis**
Recommended for students who seek employment in the field of Physics or Astronomy or who are preparing for graduate studies in Physics, Astronomy or related fields.
 - **Required Units (crs.):** 43 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Physics:** Physics/Astronomy 417, 419, 422, 491.
 - **Mathematics:** Mathematics 375, 376.
 - **Electives:** Sufficient courses from the Department's offerings in Groups 2 and 3 to meet the Minimum Requirement.
 - **Comment:**
37 units (crs.) of Physics and 6 units (crs.) of Mathematics required for this emphasis
- **Applied Physics Emphasis**
Recommended for students who seek employment in the application of physics and computing to scientific and technical areas.
 - **Required Units (crs.):** 38 minimum
 - **Required Courses:** In addition to the Core Courses:
 - **Physics:** Physics/Astronomy 305.
 - **Electives:** Sufficient courses from the Department's offerings in Groups 2 and 3 to meet the Minimum Requirement.
- **Secondary Education Emphasis**
Recommended for students who plan to teach Physics at the secondary school level.
 - **Required Units (crs.):** 38 minimum
 - **Required Courses:** In addition to the Physics Core Courses:
 - **Physics:** Physics/Astronomy 305, 335.
 - **Electives:** Sufficient courses from the Department's offerings in Groups 2 and 3 to meet the Minimum Requirement.
- **Physics/Engineering Dual Degree Emphasis**
Recommended for students who seek both Bachelor of Science in Physics and Bachelor of Engineering degrees.

- The information below delineates the required courses needed to complete a physics major at UW Oshkosh, transfer to either UW Madison or the University of Minnesota, and complete an engineering major. Students in the dual degree program receive both a Bachelor of Science degree with a major in physics from UW Oshkosh and a Bachelor of Science degree with a major in a selected engineering field from UW Madison or the University of Minnesota.

Degree Requirements: UW Oshkosh

- Meet the course requirements for general education and for a Bachelor of Science degree in the College of Letters and Science.
- Meet the grade point average requirements of UW Oshkosh with regard to general education courses and courses taken in physics at UW Oshkosh.
- Meet the UW Oshkosh requirement for 35 upper level course credits. (Courses designated as upper level by the engineering school to which the student has transferred will be included in the upper level credit count to meet the UW Oshkosh requirement).
- Normally, students will complete about 84 credits at UW Oshkosh before transferring to their engineering school of choice. If a student transfers courses in to UW Oshkosh, the student will still be required to complete 30 credits of UW Oshkosh courses to qualify for the Bachelor of Science degree with a major in physics from UW Oshkosh.
- The UW Oshkosh residency requirement stating that 15 of the student's last 30 credits must be taken at UW Oshkosh will be waived for these students.
- Note that the destination engineering schools may have additional requirements for admission (e.g., a minimum grade point average). Consult with an advisor in Physics/Astronomy for a list of current requirements.
- **Additional explanation:** Completion of the program will normally take five years (or more), three at UW Oshkosh to complete the physics major and the College of Letters and Science Bachelor of Science requirements, and an additional two (or more) at the engineering school of choice to complete the requirements for the degree in engineering.
- **Required courses:**
- **Physics:** Physics/Astronomy 109 General Physics I 5 cr.
- **Physics:** Physics/Astronomy 110 General Physics II 5 cr.
- **Physics:** Physics/Astronomy 206 Modern Physics 3 cr.
- **Physics:** Physics/Astronomy 222 Physics Laboratory I 2 cr.
- **Mathematics:** Mathematics 171 Calculus I 4 cr.
- **Mathematics:** Mathematics 172 Calculus II 4 cr.
- **Mathematics:** Mathematics 273 Calculus III 4 cr.
- **Mathematics:** Mathematics 256 Introduction to Linear Mathematics 3 cr.
- **Mathematics:** Mathematics 371 Differential Equations 3 cr.
- (or Combined Linear Algebra/Differential Equations course from the destination engineering school.)
- Total Math credits required (from UW Oshkosh or equivalent), including math courses listed in the required core above: 3 to 5 courses: 12-18 cr.
- **Chemistry:** Chemistry 105 General Chemistry I 5 cr.

- **Physics:** Physics 320 or Physics 201 and 202 (the equivalent may be taken at the destination engineering school).
- Additional UW Oshkosh physics courses (total 11 credits) from the following list:
 - Physics 305, 307, 311, 319, 322, 408, 417, 419, 451, 491.
- Total minimum Physics and Engineering credits from UW Oshkosh as state above: 26 crs.
- Courses required from UW Oshkosh: 30 crs. Minimum
- within the course credits transferred back from the destination engineering school to UW Oshkosh, there must be:
 - Sufficient approved upper division engineering and physics course from the student to have at least 36 credits in physics and engineering courses, including the minimum 26 UW Oshkosh physics credits listed above.
 - sufficient credits to meet the required total of 120 credits and the 35 upper division credits required for graduation at UW Oshkosh.
- The Bachelor of Science degree with the Physics Major will be awarded as soon as the student has transferred the needed courses from the destination engineering school and has met the requirements for a Bachelor of Science degree from UW Oshkosh and the requirements for the Physics Major specified above.

The Minor(s)

1. PHYSICS (LIBERAL ARTS) MINOR

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - **Physics:** Physics/Astronomy 109, 110, and 206.
- **Electives:** Sufficient courses from the Department's offerings in Groups 2 and 3 to meet the Minimum Requirement.
- **Prerequisites:**
 - **Mathematics:** Mathematics 171

2. PHYSICS (SECONDARY EDUCATION) MINOR

Recommended for students who plan to complete a broad field science major in Secondary Education.

- **Required Units (crs.):** 23 minimum
- **Required Courses:**
 - **Physics:** Physics/Astronomy 109, 110, 206, 335.
- **Electives:** Sufficient courses from the Department's offerings in Groups 2 and 3 to meet the Minimum Requirement.
- **Prerequisites:**
 - **Mathematics:** Mathematics 171
- **Comment:**
Secondary Education students completing this minor must also complete a licensable major.

Course Offerings

- **Physical Science 101** 1-4 units (crs.)

Workshop Physical Science (NS)

A hands-on course covering basic concepts in physical science through active engagement with guided computer-based laboratories, student-directed projects, interactive demonstrations, and class discussions. Emphasis on the nature and limits of science. For elementary education majors and non-science majors. (3+2)

- **Physics/Astronomy 103** 4 units (crs.)

The Solar System (NS)

The astronomer's understanding of the earth, moon and planets. Explores the basic nature of science and the scientific method. Intended for non-science majors and science majors having an interest in astronomy. Prerequisite: Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam. (3+2) (Fall)

- **Physics/Astronomy 104** 4 units (crs.)

Stars, Galaxies and the Universe (NS)

Universe beyond the solar system. Methods of science applied to classification of stars, galaxies, nebulae, and exotic objects such as pulsars, quasars, and black holes. Intended for non-science majors and science majors having an interest in astronomy. May be taken to satisfy the general education lab science requirement. Prerequisites: Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam. (3+2) (Spring)

- **Physics/Astronomy 105** 4 units (crs.)

Basic Acoustics of Music (NS)

A course designed in cooperation with the music department principally for music majors interested in the acoustical foundation of this subject. Emphasis throughout is on the needs and interests of the music student. May not be counted toward a Physics major or minor. (3+2)

- **Physics/Astronomy 106** 3 units (crs.)

Introduction to Topics in Physics

A general introduction to selected topics in physics. A historical perspective of fundamental ideas of motion will be examined. Focus will be on the development of problem-solving skills in such areas as unit analysis; making approximations; and using trigonometry, exponential functions, logarithms, vectors, derivatives, integrals, and graphs. A blend of history, selected topics, direct experiences, problem-solving practice and applying math skills is used to enhance preparation for success in physics courses. Prerequisite: Consent of department.

- **Physics/Astronomy 107** 1-5 units (crs.)

General Physics (NS)

A survey of mechanics and properties of matter. Recommended for liberal arts majors and pre-professionals. Not recommended for physics majors and minors and pre-engineers. Prerequisite: Mathematics 106, Mathematics 108 or equivalent. (3+1+2) (Fall)

- **Physics/Astronomy 108** 5 units (crs.)

General Physics (NS)

A survey of waves, electricity, magnetism, and nuclear radiation. Recommended for liberal arts majors and pre-professionals. Not recommended for physics majors and minors. Prerequisite: Physics 107. (3+1+2) (Spring)

- **Physics/Astronomy 109** 5 units (crs.)

General Physics (NS)

A survey of mechanics, sound, and heat providing a background for advanced work in these fields. Recommended for students in pre-engineering and majors in physics, chemistry, or mathematics. Prerequisite: Concurrent registration in or previous completion of Mathematics 171. (4+2) (Fall)

- **Physics/Astronomy 110** 5 units (crs.)

General Physics (NS)

A survey of electricity, magnetism, and light providing a background for advanced work in these fields. Recommended for students in pre-engineering and majors in physics, chemistry, or mathematics. Prerequisite: Physics 109 and concurrent registration in or previous completion of Mathematics 172. (4+2) (Spring)

- **Physics/Astronomy 113** 3 units (crs.)

The Solar System - no lab (NS)

The astronomer's understanding of the earth, moon and planets. Explores the basic nature of science and the scientific method. May be used to satisfy laboratory science requirement only if Physics 123 is taken during a later term. Credit may not be earned for both Physics 113 and Physics 103. Prerequisites: Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics placement Exam. (3+0) (Fall)

- **Physics/Astronomy 114** 3 units (crs.)

Stars, Galaxies and the Universe -no lab (NS)

Identical to Physics 104 except no laboratory experience is included. May be used to satisfy laboratory science requirement only if Physics 124 is taken during a later term. Credit may not be earned for both Physics 114 and Physics 104. Prerequisite: Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam. (3+0) (Spring)

- **Physics/Astronomy 123** 1 unit (cr.)

Solar System Laboratory (NS)

Laboratory component of the Solar System, Physics 103. Completes 4 units (crs.) applicable toward laboratory science requirement when taken following Physics 113. Prerequisite: Physics 113. (0+2) (Fall)

- **Physics/Astronomy 124** 1 unit (cr.)

Stars, Galaxies and the Universe Laboratory (NS)

Laboratory component of Cosmic Evolution, Physics 104. Completes 4 units (crs.) applicable toward the laboratory science requirement when taken following Physics 114. Prerequisite: Physics 114. (0+2) (Spring)

- **Physics/Astronomy 201** 3 units (crs.)

Statics for Engineering

The action of forces on bodies at rest or in equilibrium. For pre-engineering students and not ordinarily taken by physics majors and minors. Prerequisite: Physics 107 or 109 (may be taken concurrently) and Mathematics 171. (3+0) (Fall)

- **Physics/Astronomy 202** 3 units (crs.)

Dynamics for Engineering

Motion and the action of forces that produce or modify the motion of bodies. For pre-engineering students and not ordinarily taken by physics majors and minors. Prerequisite: Physics 201 and Mathematics 172 (may be taken concurrently). (3+0) (Spring)

- **Physics/Astronomy 206** 3 units (crs.)

Introductory Modern Physics

Twentieth century physics; emphasis on atomic and sub-atomic phenomena. Normally acceptable for pre-engineering students. Prerequisite: Physics 108 or 110 and Mathematics 171. (3+2) (Spring)

- **Physics/Astronomy 222** 2 units (crs.)

Physics Lab I

An experimental treatment of concepts and theories associated with modern physics and classical mechanics. Emphasis is placed on developing experimental skills and techniques appropriate for advanced laboratory work. Prerequisites: Physics 206 and concurrent registration in Physics 320.

- **Physics/Astronomy 305** 3 units (crs.)

Electronic Circuits and Devices

DC and AC circuit theory with emphasis placed on the external electrical properties of analog electronic devices and their practical applications. Prerequisite: Physics 108, 110 or consent of instructor. 305/505 (2+2)

- **Physics/Astronomy 307** 3 units (crs.)

Physical Optics

Review of geometrical optics, interference, diffraction, polarization, double refraction, electromagnetic theory of light, introduction to quantum optics and lasers. Prerequisite: Physics 110 and Mathematics 172. 307/507 (3+0)

- **Physics/Astronomy 309** 1 unit (cr.)

Construction Techniques

Development of basic skills in machining and bonding metals for construction of laboratory apparatus. Prerequisite: Consent of instructor. (0+3)

- **Physics/Astronomy 311** 4 units (crs.)

Digital Instrumentation (NS)

Fundamentals and applications of combinational and sequential digital circuits, memory and storage, microprocessors, digital-to-analog and analog-to-digital conversion, emphasizing use in measurement and instrumentation. Prerequisite: Previous physics course or electronics course or Mathematics 212 or consent of instructor. 311/511 (3+2)

- **Physics/Astronomy 319** 3 units (crs.)

Digital Signal Processing

The fundamentals of digital signal processing techniques with an emphasis on their computer implementation: linear shift-invariant systems, the Z-transform, the discrete and continuous Fourier transforms, digital filter design, and inverse filters. Familiarity with calculus, complex numbers, and BASIC or FORTRAN is assumed. 319/519 (3+0)

- **Physics/Astronomy 320** 3 units (crs.)

Classical Physics

The physical and mathematical concepts associated with one-dimensional motion, two and three-dimensional motion including the use of different coordinate systems and accelerating reference frames. Analytical, numerical and graphical methods using modern computer technology will be used. Prerequisite: Physics 109 and Mathematics 172. (3+0) (Fall)

- **Physics/Astronomy 322** 2 units (crs.)

Physics Lab II

An experimental treatment of concepts and theories associated with physical optics and thermodynamics and statistical mechanics. Emphasis is placed on developing experimental skills and techniques appropriate for advanced laboratory work. Prerequisites: Prior completion of or concurrent registration in Physics 307 and Physics 408.

- **Physics/Astronomy 335** 3 units (crs.)

Demonstration and Laboratory Techniques in Physics (NS)

A laboratory course to provide the high school physics teacher with opportunities to handle the physical apparatus used in modern physics curricula. Prerequisite: A two-term sequence in General Physics. 335/535 (1+3)

- **Physics/Astronomy 350** 1 units (crs.)

Research Issues in Physics Education (TC)

A survey of the Physics Education Research (PER) literature for prospective physics teachers. Topics include common student misconceptions in mechanics, optics, and electric circuits; theoretical frameworks in education research; and basic research methods. The course is taught in an informal discussion format (once per week).

- **Physics/Astronomy 351** 1 units (crs.)

Teaching Issues in Physics Education (TC)

A survey of teaching strategies that address common student difficulties in introductory physics. Topics include learning cycles, classroom discourse, and group dynamics. The course meets biweekly for an hour. Each Physics 351 student receives an eight-hour internship experience in Workshop Physics Science (Physics 101). During this time, students will observe the instructor and engage small 3-4 member groups of physics science students.

- **Physics/Astronomy 405** 3 units (crs.)

Modern Instrumentation and Interfacing

Use, calibration and interfacing of transducers. Integrated use of computers and transducers for data acquisition and experimental control. Prerequisite: Physics 305, 311 or consent of instructor. 405/605 (2+2) (Fall)

- **Physics/Astronomy 408** 3 units (crs.)

Statistical Physics and Thermodynamics

Temperature, entropy, and other thermal quantities introduced from microscopic considerations and related to macroscopic thermodynamic variables. Calculation of macroscopic properties of matter from microscopic models. Prerequisite: Physics 320. 408/608 (3+0)

- **Physics/Astronomy 417** 3 units (crs.)

Electricity and Magnetism

An advanced treatment of important topics in electricity and magnetism. Prerequisite: Physics 320. 417/617 (3+0)

- **Physics/Astronomy 419** 3 units (crs.)

Introductory Quantum Mechanics

Development of quantum mechanics principles and application to important simple physical systems. Prerequisite: Physics 320. 419/619 (3+0)

- **Physics/Astronomy 422** 2 units (crs.)

Physics Lab III

An experimental treatment of concepts and theories associated with electromagnetism and quantum mechanics. Emphasis is placed on developing experimental skills and techniques appropriate for advanced laboratory work. Prerequisites: Prior completion of or concurrent registration in Physics 417 and Physics 419.

- **Physics/Astronomy 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Physics/Astronomy 451** 1-3 units (crs.)

Special Topics

A Physics/Astronomy course on a topic not covered in the department's curriculum. This course may be repeated with different content. Each time it is offered, the topic will be announced in the class schedule. Prerequisite: Consent of instructor.

- **Physics/Astronomy 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Physics/Astronomy 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 units (crs.).

- **Physics/Astronomy 491** 1-4 units (crs.)

Senior Research Project

A Physics/Astronomy course on a topic not covered in the department's curriculum. This course may be repeated with different content. Each time it is offered, the topic will be announced in the class schedule. Prerequisite: Consent of instructor.

Practical Arts Courses

- **Practical Arts 101** 3 units (crs.)

Elements of Descriptive Geometry

Principles of descriptive geometry with orthographic projection that are used in solving engineering problems involving lines, planes, piercing points, intersections. Hand and computer drafting (CADD) are used. (0+6) (Fall)

- **Practical Arts 102** 3 units (crs.)

Engineering Drawing and Design

Mechanical drawings of mechanical engineering and civil engineering problems are completed. A design problem is identified and carried to completion with mechanical drawings and reports. Computer drawing/design software is used extensively. Prerequisite: Practical Arts 101. (0+6) (Spring)

- **Practical Arts 251** 1-3 units (crs.)

Special Topics in Engineering Technologies

Topics arranged according to student and faculty interest on an individual basis. See Physics Department for arrangements. Prerequisite: Consent of instructor.

Political Science

Information

James Simmons, Chairperson
Department Office: Clow Faculty, Room 427
Department Telephone: 920-424-3456
Code 81 or PUB ADM, 84 or POL SCI

Faculty

- Jasinski, Krueger, Scribner, Siemers, Simmons, Slagter, Thomas

Degrees

- **Undergraduate:** A major in Political Science can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** Students who complete an undergraduate major in our Department may wish to consider advanced study in the Public Administration Department in the Master of Public Administration Program. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - Political Science is the systematic study of governments and political structures, processes, and policies, using institutional, quantitative, and philosophical approaches. The goals of the Political Science Department are to provide students with an understanding of: 1) the theoretical, historical and contemporary background of governments and politics; 2) the various political systems of the world; 3) contemporary value controversies of political theory and ideology; 4) current issues of American and comparative public policy and administration; 5) methodological and analytical tools of the discipline; and 6) global issues and the theories and practice of international relations. Finally, the Department offers students opportunities to apply their theoretical knowledge and methodological skills to practical policies and administration through internship and independent studies.
2. **THE MAJOR(S)**

- The Department offers a Political Science Major, a Civic Engagement Emphasis and a Legal Studies Emphasis.
- 3. **THE MINOR(S)**
 - The Department offers 2 minor(s): 1) Political Science 2) Civic Engagement.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Political Science major or minor. Refer to the following sections for complete major/minor course requirements.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- See sections following for courses required in specialized area(s) of study.

The Major(s), with Emphasis and/or Options

1. POLITICAL SCIENCE MAJOR

Recommended for students who intend graduate study, or careers in fields such as government service, business and industry, or in professions such as law and journalism.

- **Required Units (crs.):** 36 minimum
- **Required Courses:**
 - **Political Science:** Political Science 101, 105, 115, 245, 401
- **Other Requirements:** 21 units (crs.) in Political Science to include at least one course each from four different groups in Groups One through Five of the Course Offerings. 81 prefix course will continue to be considered with all 84 prefix courses toward the Political Science Major and Minor.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.
- **Course Offerings:**
 - **Group 1 American Government courses:** Political Science 225, 253, 302, 304, 305, 306, 310, 321, 324, 330, 350, 365, 366, 370, 380, 392, 394.
 - **Group 2 Political Theory courses:** Political Science 245, 325, 331, 349, 355, 372, 390.
 - **Group 3 Comparative Government courses:** Political Science 303, 309, 311, 323, 326, 336, 339, 351, 373, 379, 410.

- **Group 4 International Relations and Organizations courses:** Political Science 301, 308, 317, 322, 328, 329, 352, 374, 376, 383, 388, 393.
- **Group 5 Public Administration courses:** Public Administration 102, 221, 307, 361, 362/562, 363/563, 364/564, 365, 366, 369/569, 390, 391/591, 375.
- **Group 6 Special courses:** Political Science 396, 446, 456, 474. These do not meet the 4 Group Requirement.
- **Course Substitutions:** Political Science 107 may be substituted for Political Science 101; Political Science 106 may be substituted for Political Science 105.
- **Comment:** No more than 6 units (crs.) in Independent Study and no more than 6 units (crs.) of Special Topics/Trial Courses may be applied toward the major. The Political Science Department will permit specific courses to be counted as electives towards the Political Science unit (cr.) requirement.
 - Urban Planning majors may count the following courses as electives toward the Political Science 36 unit (cr.) requirement: Urban Planning 131, 300/500, 317/517, 320/520, 351 and 410.
 - Interdisciplinary Studies majors may count the following courses as electives toward the Political Science 36 unit (cr.) requirement: Interdisciplinary Studies 235, 312 and 370.
 - International Studies majors may count the following courses as electives toward the Political Science 36 unit (cr.) requirement: International Studies 205, 206, 207 and 402.
 - Criminal Justice majors may count the following courses as electives toward the Political Science 36 unit (cr.) requirement: Criminal Justice 103, 212, 218, 270, 288, 319, 340/540, 348 and 358.

A. LEGAL STUDIES EMPHASIS

The Legal Studies Emphasis is open to all majors of all departments from all colleges of this University. This emphasis is to allow the student to focus additional study in public law. It is intended for students who want to prepare for their postgraduate law studies.

- **Required Courses:** 12 units (crs.)
 - **Group A:** Political Science 253
 - **Group B:** One of the following courses: Business 320 or Human Services 415
 - **Group C:** Any two of the following courses: Educational Foundations 412, Business Administration 321, 336, 338, 403, 404, 422, Criminal Justice 218, Criminal Justice 270, 319, 328, 348, Journalism 412, Philosophy 330, Public Administration 307, Political Science 305, 306, 330, 392, Urban and Regional Studies 317.

B. CIVIC ENGAGEMENT EMPHASIS

The Civic Engagement Emphasis is open to Political Science majors. This emphasis will prepare students for active participation in and positive contributions in public service.

- **Required Courses:** 21 units (crs.)
 - Political Science 108
 - Communication 319 or Journalism 211
 - One of the following:

- an internship experience (3 crs. min.) approved by the civic engagement emphasis coordinator
- a service learning experience (3 crs. min.) approved by the civic engagement emphasis coordinator (Interdisciplinary Studies 366 or 367)
- a semester long study abroad experience (3 crs. min.) which has been taken for UW Oshkosh credit and approved by the civic engagement emphasis coordinator

- One of the following two tracks:

1. Domestic Track:

- Political Science 225
- One of the following:
 - Political Science 310, 321, 363, 365
- One of the following:
 - History 369
 - Sociology 311, 342
- One of the following:
 - Political Science 350, 380, 329

2. International Track:

- Political Science 393
- One of the following:
 - Anthropology 338, 380
 - Sociology 347
- One of the following:
 - Political Science 303, 326, 388
- One of the following:
 - Political Science 328, 329, 350

The Minor(s)

1.

○ **POLITICAL SCIENCE MINOR**

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Political Science:** Political Science 105, 101 or 115.
- **Electives:** Students must take classes from any of the five subgroups.
- **Comment:** No more than 3 units (crs.) in Independent Study and no more than 3 units (crs.) of Special Topics/Trial Courses may be applied to the Minor.

○ **CIVIC ENGAGEMENT MINOR**

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - Political Science 108
 - Communication 319 or Journalism 211
 - One of the following:

- an internship experience (3 crs. min.) approved by the civic engagement emphasis coordinator
- a service learning experience (3 crs. min.) approved by the civic engagement emphasis coordinator (Interdisciplinary Studies 366 or 367)
- a semester long study abroad experience (3 crs. min.) which has been taken for UW Oshkosh credit and approved by the civic engagement emphasis coordinator
- One of the following two tracks:

1. Domestic Track:

- Political Science 105
- One of the following:
 - Political Science 225, 310, 321, 365
- One of the following:
 - History 369
 - Sociology 311, 342
- One of the following:
 - Political Science 329, 350, 380

2. International Track:

- One of the following:
 - Political Science 101, 115
- One of the following:
 - Anthropology 338, 380
 - Sociology 347
- One of the following:
 - Political Science 303, 326, 388
- One of the following:
 - Political Science 328, 329, 393
- **Electives:** Students must take one course (3 crs.) from the following list:
 - Business 321, 450
 - Criminal Justice 358
 - Communication 338, 422
 - Economics 307, 319, 339
 - Educational Foundations 408, 412
 - Environmental Studies 326, 355, 375, 450
 - Geography 321, 414
 - Health 315
 - History 326, 355, 385, 386
 - Human Services 340, 377
 - International Studies 308
 - Nursing 437
 - Philosophy 311, 330
 - Political Science 326, 393
 - Public Administration 307, 361, 364
 - Religious Studies 381
 - Social Work 333

- Sociology 311, 351
- Special Education 414
- Urban Planning 317
- Women's Studies 303, 370

Course Offerings

POLITICAL SCIENCE COURSES

- **Political Science 101** 3 units (crs.)

Introduction to Comparative Politics (SS) (NW)

Provides an introduction to key concepts and issues in comparative politics in a variety of non-western and western country cases from Europe, Asia, the Americas, Africa, and the Middle East. Major themes include political participation and institutions, role of government, political parties, democratization, economic development, political culture, nationalism and ethnic conflict. More than fifty percent of the course content is devoted to non-western countries and their political realities.

- **Political Science 105** 3 units (crs.)

American Government and Politics (SS)

Organization, principles and actual working of the American National Government in all its branches.

- **Political Science 106** 3 units (crs.)

Honors: American Government and Politics (SS)

Organization, principles and actual working of the American National Government in all its branches. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Political Science 107** 3 units (crs.)

Honors: Introduction to Comparative Politics (SS) (NW)

Provides an introduction to key concepts and issues in comparative politics. Major themes include political participation and institutions, role of government, political parties, democratization, development, political culture, nationalism and ethnic conflict. Comparative cases of countries from Europe, Asia, the Americas and Africa illustrate basic analytical tools and concepts. Students cannot earn credit in both an honors course and a non-honors course of the same title. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175.

- **Political Science 108** 3 units (crs.)

Essentials of Civic Engagement (SS)

Introduces the student to the obligations and benefits of active citizenship and participation in their communities. Theories of citizenship and citizen activity, policy analysis, the state of public policies at the full array of governing levels from local to global, and experiential activities within the community are featured. This is the gateway course to both the Civic Engagement Minor and the Civic Engagement emphasis within the Political Science Major.

- **Political Science 115** 3 units (crs.)

International Politics (SS)

Development of the nation-state system; role of the great powers; the struggle for power; settlement of disputes; diplomacy, the quest for law, nationalism, contemporary problems.

- **Political Science 225** 3 units (crs.)

State and Local Government (SS)

Examination of the institutions and policy-making of state political systems, with special emphasis given to Wisconsin. Topics to be examined include: the changing nature of federal-state relationship; electoral rules and their political parties, candidates, and outcomes; how the executive, legislative and judicial branches are structured and how they jointly create policy in selected areas. Prerequisite: Political Science 105.

- **Political Science 245** 3 units (crs.)

Political Methodology (SS)

Designed to acquaint students with the process of exploring political questions and conducting research. Topics include theory definition, hypothesis development, concept definition, and data collection and analysis. This course will also expose students to a variety of data sources and methods of collection such as survey research, content analysis, and experimentation.

- **Political Science 253** 3 units (crs.)

Introduction to Law (SS)

The development of political systems of jurisprudence, the judicial system of the United States and Wisconsin together with a survey of the major branches of law designating the place of law in society. Prerequisite: Political Science 105 or consent of instructor.

- **Political Science 261** 3 units (crs.)

Environment and Society (SS)

Examines relationship between social structure, culture and natural environments; compares different modes of production and cultural systems. Examines economic, political and ideological structures of industrial and industrializing societies. Analyzes the impact of these structures upon natural environments and analyzes the impact of natural environment upon these structures. Sociology 261/Environmental Studies 261/Political Science 261 Students may receive credit for only one of the three cross-listed courses. Special course fees may apply.

- **Political Science 301** 3 units (crs.)

European Union Politics

Examines the history and theories of European integration and provides a detailed introduction to each of the institutions of the European Union. Some of the major issues that the EU has worked through in its short history (e.g., agricultural policy, economic and monetary union, constitution, enlargement) as well as current challenges facing the organization are also covered.

Prerequisites: Political Science 101 or 115.

- **Political Science 302** 3 units (crs.)

Civil Liberties in the United States (SS)

Philosophy of civil liberties; constitutional basis, rights of conscience and expression; rights of persons accused of crime; political rights; equal protection of the laws. Cross-listed: Political Science 302/Women's Studies 302. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Political Science 105.

- **Political Science 303** 3 units (crs.)

Women and Politics (SS)

This course is intended to be an examination of the status of women in the American political system. This examination will explore the history and current status of women's rights, women as voters, political activists, and officeholders, and current issues surrounding the role and status

of women in the United States. Cross-listed: Political Science 303/ Women's Studies 303. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Political Science 105.

- **Political Science 304** 3 units (crs.)

Race and Ethnicity in United States Politics (ES) (SS)

How issues of race and ethnicity have been defined and by whom, and their impact on communities of color; the strategies used by minority groups to become equal participants in the political system; how economic and social conditions might affect political opportunities for minority groups. This course will examine these topics in a historical perspective, with an eye to the interplay between national, state, and local political outcomes.

- **Political Science 305** 3 units (crs.)

Constitutional Law and Judicial Policy-Making I (SS)

The American Constitution as seen in the jurisprudence of the Supreme Court; judicial review; federalism; the contract clause; taxing and spending power; interstate commerce. Prerequisite: Political Science 105.

- **Political Science 306** 3 units (crs.)

Constitutional Law and Judicial Policy-Making II (SS)

Constitutional law of the Bill of Rights and Fourteenth Amendment as applied to the federal government and the states. Includes law of freedom of speech, press and assembly; freedom of religion; due process; rights of the accused in criminal proceedings (search and seizure, right to counsel, etc.); and discriminatory governmental classifications (race, gender, etc.). Prerequisite: Political Science 105 or consent of instructor

- **Political Science 308** 3 units (crs.)

International Law

This course introduces students to the key components of the international legal system and its primary institutions. Does international law matter? Does it constrain state behavior? When does it apply? Can it be enforced? Students will answer these questions as they not only read about principles of international law but put those principles to use wrestling with problems based on actual cases. Prerequisites: Political Science 101 or 115.

- **Political Science 309** 3 units (crs.)

Comparative West European Politics (SS)

Analysis of patterns of European politics and public policy with particular reference to the political systems of Great Britain, France and Germany. Emphasis on the historical, cultural, social and economic context of politics as well as the frameworks, European union and the global economy. Prerequisite: Political Science 101.

- **Political Science 310** 2-3 units (crs.)

Urban Government (SS)

Focus on urban politics and policy making. Topics to be examined include: The impact of local institutional arrangements upon electoral and policy outcomes; the impact of federal policies and a changing world economy upon economies and land use patterns; and how increased racial diversity has altered urban political dynamics. Prerequisite: Political Science 105.

- **Political Science 311** 3 units (crs.)

Government and Politics of East Asia (NW) (SS)

Comprehensive analysis of politics in contemporary Japan and China. Topics will include political institutions, changing political and social issues and domestic origins of foreign policy. Prerequisite: Political Science 101.

- **Political Science 317** 3 units (crs.)

United States Foreign Policy (SS)

Formulation, implementation and objectives of United States foreign policy; role of president, bureaucracy, Congress, public opinion, and other forces. Prerequisite: Political Science 101 or 115 or consent of instructor.

- **Political Science 321** 3 units (crs.)

American Public Policy (SS)

An examination of some of the major political issues facing American society today, including the environment, criminal justice issues, equality, education and health care politics. The issue of how public policy is made in this country will also be examined in some detail. Prerequisite: Political Science 105 or consent of instructor.

- **Political Science 322** 3 units (crs.)

International Political Economy (SS)

This course examines the politics of global economic relations. It will focus on issues of international trade, the international monetary system, and foreign investment and the relationship of each to international politics. Among the specific topics to be discussed are: trade and protectionism, the role and performance of global institutions such as the IMF, World Bank, and WTO, the significance of multinational corporations' efforts at regional economic integration such as the EU and NAFTA, and the relationship of the world economy to the economic development of poor countries. Prerequisites: Political Science 101 or 115.

- **Political Science 323** 3 units (crs.)

Comparative Constitutionalism Law

This course analyzes the origins and role of constitutions and constitutional law in contemporary comparative politics. The course examines the theory and practice of comparative constitutional law in developing and developed countries. In particular, the course focuses on the accommodation of cultural differences (ethnic, linguistic, religious) in law and the adjudication of various kinds of rights claims by constitutional courts. Students examine relevant legal theory and case law across countries and consider the political significance of courts with constitutional review powers. Prerequisites: Political Science 101 or 115.

- **Political Science 324** 3 units (crs.)

US Presidency (SS)

Conceptions of the office; evolution of the executive branch; the president's power and limitation; proposed reforms. Prerequisite: Political Science 105.

- **Political Science 325** 3 units (crs.)

Foundations of American Political Thought (SS)

This course introduces some of the key themes, thinkers, and decision points in American history from the American founding forward to the New Deal. The ideas of prevalent commentators and political practitioners will be featured. Through them we will attempt to discern the values which have shaped and influenced the United States government and American attitudes. Alternative visions of government and paths not taken will also be considered. Those who complete the course will come to appreciate the great variety of American political thought. Readings and discussion will help us to discern what kind of community we have been and how ideas have shaped the American nation, matters of utmost concern for the politically literate citizen.

- **Political Science 326** 3 units (crs.)

Politics of Development (SS)

This course explores the concept of 'development' and critically examines experiences of economic and political development in the developing world in order to understand the political roots of diverse government policies to confront major development issues such as poverty, injustice, corruption, democratization, environmental degradation, and deadly conflict.

Prerequisites: Political Science 101 or 115.

- **Political Science 328** 3 units (crs.)

Terrorism and Counter-Terrorism

The purpose of the course is to develop an understanding of the phenomenon of terrorism, including its causes, possible solutions, and controversies.

- **Political Science 329** 3 units (crs.)

Political Psychology

This course will focus on politically relevant aspects of human psychology and behavior, both individual and group. Topics discussed will include individual needs and preferences, the concept of rationality and alternative views on the conception of self-interest, factors affecting perception of the surrounding political environment, and how these phenomena translate into individual and group political activity. Prerequisites: Political Science 101, 115, or consent of instructor.

- **Political Science 330** 3 units (crs.)

Discrimination and Legal Remedies (SS)

Examination of issues of discrimination in American society against groups and individuals and how the system responds to these problems. Issues of race, ethnicity, gender, economic class, sexual orientation, and physical disability are among those examined. Cross-listed: Political Science 330/Women's Studies 330. Students may receive credit for only one of the two cross-listed courses.

- **Political Science 331** 3 units (crs.)

Modern American Political Thought

An exploration of key themes, dilemmas, and decision points in American political history from the New Deal to the present. The ideas of influential thinkers and political practitioners like John Dewey, Milton Friedman, Michael Walzer, Ronald Reagan and Barack Obama are featured, as well as those who present alternative visions of the American political landscape. Prerequisite: Political Science 105.

- **Political Science 336** 3 units (crs.)

Comparative East European Politics (NW) (SS)

An examination of the political development and contemporary politics of Eastern Europe (including the former Soviet Union). The course highlights similarities and differences in the socialist regimes of former Soviet bloc countries as well as similarities and differences in their transitions to free market democracies. It discusses the challenges in political institution building and economic restructuring and how the West has assisted in these processes.

- **Political Science 339** 3 units (crs.)

Political Economy of Asia (SS)

Examination of the politics of growth in East Asia. Countries to be covered will include Japan, Korea, Taiwan, China, and other countries to be selected by the instructor. The course will cover the politics of economic policy making in these countries to be selected by the policy in the process in industrialization and trade. Finally, the course will examine the impact of

development on the political regimes of these countries, especially in the link between economic change and democracy. Prerequisite: Political Science 101 or Political Science 115.

- **Political Science 349** 3 units (crs.)

Foundations of Political Theory (SS)

Classical period through Hobbes. Environmental influences on political philosophers; psychological factors; clarification of concepts. Prerequisite: Political Science 101.

- **Political Science 350** 3 units (crs.)

Political Behavior (SS)

Focus on mass political behavior, the civic activities undertaken by the general public. Includes a look at public opinion, survey research, political participation and attitudes, campaigns and elections, and citizenship. Prerequisite: Political Science 105.

- **Political Science 351** 3 units (crs.)

Political Film (SS)

Examines, through the study of film, topics in political leadership, party politics, justice, social problems, political theory, comparative government, and international relations. Prerequisite: Political Science 101, 105 or consent of instructor.

- **Political Science 352** 3 units (crs.)

Politics of National Security

The purpose of the course is to develop an understanding of the issues and controversies surrounding US national security policy, with particular emphasis on the US military as a tool of US foreign policy. Prerequisites: Political Science 101 or 115 or consent of instructor.

- **Political Science 355** 3 units (crs.)

Modern Political Thought (SS)

An exposition and critical analysis of the ideas of major western political philosophers covering Locke, Montesquieu, Rousseau, Burke, Bentham, Mill, Hegel, Marx, Marcuse and others, to the present. Prerequisite: Political Science 101 or 105 or 115 or consent of instructor.

- **Political Science 365** 3 units (crs.)

Congress in the American Political System (SS)

Examination of the organization, membership, and powers of the U.S. Congress. It will focus on Congress as both a legislative and representative institution, and will examine the relationship between Congress, the President, and the courts. Prerequisite: Political Science 105.

- **Political Science 366** 3 units (crs.)

The Politics of Urban Growth (SS)

Examination of the issues of growth and development, which are of paramount concern to cities of all sizes. It explores the question of why cities view growth and development as a top priority, the institutions and actors who play important roles in the developmental policy arena, developmental strategies, and the broad political, economic, and environmental contexts of growth and development. Prerequisite: Political Science 105.

- **Political Science 370** 3 units (crs.)

Special Topics - Group I (SS)

Experimental courses and curriculum innovations within the department. Descriptive titles, abbreviated course descriptions, and number of units (crs.) will be announced in the class schedule prior to the beginning of the semester during which the course is to be offered. Prerequisite: To be stated when title is announced. May be repeated in different terms.

- **Political Science 372** 3 units (crs.)

Special Topics - Group II (SS)

Experimental courses and curriculum innovations within the department. Descriptive titles, abbreviated course descriptions, and number of units (crs.) will be announced in the class schedule prior to the beginning of the term during which the course is to be offered. Prerequisite: To be stated when title is announced. May be repeated in different terms.

- **Political Science 373** 3 units (crs.)

Special Topics - Group III (SS)

Experimental courses and curriculum innovations within the department. Descriptive titles, abbreviated course descriptions, and number of units (crs.) will be announced in the class schedule prior to the beginning of the term during which the course is to be offered. Prerequisite: To be stated when title is announced. May be repeated in different terms.

- **Political Science 374** 3 units (crs.)

Special Topics - Group IV (SS)

Experimental courses and curriculum innovations within the department. Descriptive titles, abbreviated course descriptions, and number of units (crs.) will be announced in the class schedule prior to the beginning of the term during which the course is to be offered. Prerequisite: To be stated when title is announced. May be repeated in different terms.

- **Political Science 375** 3 units (crs.)

Special Topics - Group V (SS)

Experimental courses and curriculum innovations within the department. Descriptive titles, abbreviated course descriptions, and number of units (crs.) will be announced in the class schedule prior to the beginning of the term during which the course is to be offered. Prerequisite: To be stated when title is announced. May be repeated in different terms.

- **Political Science 376** 3 units (crs.)

Studies on War and Peace (SS)

A multi-disciplinary approach to study the causes and conditions of war and peace in our world. Simulations of situations of war and peace will be researched in the classroom with student participation. Prerequisite: Political Science 101 or 115 or consent of instructor.

- **Political Science 379** 3 units (crs.)

Latin American Government and Politics (NW) (SS)

Analysis of the governmental institutions, political process and political cultures of Latin America. Prerequisite: Political Science 101.

- **Political Science 380** 3 units (crs.)

Political Parties and Interest Groups (SS)

Party organization, nominations, campaigning, election behavior. Interest group organization, pressures on electoral and governmental process. Prerequisite: Political Science 105 or consent of instructor.

- **Political Science 383** 3 units (crs.)

Latin America in International Relations (SS)

This course explores the dynamics of Latin American international relations from both historical and contemporary perspectives with particular attention to US-Latin American relations. The course focuses on three of the most important cross-border issues affecting the Americas: regional trade, legal and illegal immigration, and the illicit drug trade. Prerequisite: Political Science 101 or 115 or consent of instructor.

- **Political Science 388** 3 units (crs.)

Global Environmental Politics (SS)

Examination of the role of environmental issues in international relations. We will look at such issues as global warming, global pollution, management of scarce resources, and eco-development. How have various countries responded to these problems? How should they respond? What is the role of international institutions such as the World Bank? What is the role of non-governmental organizations such as Greenpeace? How have countries and international institutions interacted to deal with these environmental problems? Prerequisite: Political Science 101 or 115 or Sociology 261 or Environmental Studies 261 or consent of instructor.

- **Political Science 390** 3 units (crs.)

Feminist Theory: Optional Content (SS)

Explores the distinct but intersecting explanations for women's personal, professional, and political conditions, as well as various recommendations for improving or transforming those conditions. This course may be offered using different content. When cross-listed with different departments or offered using different subtitles, it may be repeated for credit with consent of director.

- **Political Science 392** 3 units (crs.)

Judicial Process in America (SS)

Focuses on courts in the political process. Examines decisions by judges, juries and other decision-makers in the judicial process. Emphasizes explanations for decisions rather than simply describing decisions. For example, attention is given to the effects of race, social class and other demographic characteristics of a defendant on the verdict or sentence imposed. Other related topics include selection of judges and impact of judicial decisions. Prerequisite: Junior standing.

- **Political Science 393** 3 units (crs.)

International Organization (SS)

How do international organizations facilitate state cooperation? What are the hallmarks of organizational effectiveness? Do states need international organizations to work out complex problems? These are among the questions undertaken in this course as we explore theories of international organization and then look at several organizations in detail. Prerequisite: Political Science 101 or 115 or instructor consent.

- **Political Science 394** 3 units (crs.)

Community Power Systems (SS)

Explores the issue of how political and economic power is distributed and maintained at the local level. It examines competing theories of power relationships, the way in which grassroots communities might organize to change the status quo (in various policy arenas), and the limits to grassroots collective action. These topics are placed in the context of changes in local institutional arrangements, changes in the world economy, and increased ethnic diversity.

- **Political Science 396** 1-8 units (crs.)

Internship in Government (SS)

Internships generally fall into the following categories: 1) administrative internships; 2) legislative internships; 3) judicial or court-related internships; 4) international internships; 5) internships with law firms; 6) law enforcement internships; 7) fieldwork in political campaigns or with political parties; 8) internships with other groups seeking to influence public policy. Internships are offered for up to 8 units (crs.) and may be applied to the major. Prerequisite: Generally internships will be open only to juniors or seniors who have had at least one relevant course in Political Science, or demonstrate an equivalent level of knowledge about the political system before the internship.

- **Political Science 401** 3 units (crs.)

Political Analysis (SS)

Political Analysis is a seminar designed to provide a capstone experience for majors. The course will assess the student's mastery of the discipline of Political Science. Possible areas of study include the proper methods of political analysis, revision and extension of previous work, advanced analysis of texts, and/or a culminating research project. In addition, students will take a comprehensive departmental exam covering the discipline and prepare a portfolio of their undergraduate work in the discipline. Prerequisite: Political Science 245, senior standing and Political Science major.

- **Political Science 410** 3 units (crs.)

Comparative Political Analysis (SS)

Theories and typology of political systems; analysis of comparable and unique structures and functions in Western, non-Western, modern and transitional political systems; selected cross cultural studies of parties, interest groups, ideologies, and institutions. Prerequisite: 9 units (crs.) in Political Science. 410/610

- **Political Science 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Political Science 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Political Science 474** 1-6 units (crs.)

Honors:Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors program and junior standing. Maximum of 6 credits.

Pre-Professional Education

Information

- “The Professions” include a *wide variety* of occupations such as engineering, law, many aspects of human health care, counseling/clinical psychology, military/aerospace, and veterinary medicine. “The Professions” uniformly require either highly technical education within the Bachelor’s degree or, more commonly, 2-4 years of *graduate education after* a Bachelor’s degree.
- In most cases, Professional (graduate) schools require a Bachelor’s degree for admission to their programs. One exception is in Engineering, in which a “Pre-Eng” student might study at UW Oshkosh for 1-3 years and then transfer to a School of Engineering, such as the one at UW Madison. The Engineering student would then finish both a Bachelor’s degree (from UW Oshkosh) and an Engineering degree (from UW Madison).
- “Pre-Professional” education prepares the college student for advanced work at a Professional school, often entailing a move to a different campus. For example, a UW Oshkosh “Pre-Med” might go on to study medicine at UW Madison, while a “Pre-Law” student might go on to study law at Marquette University.
- In general, the Pre-Professional student has dual educational goals in college:
 - To earn a Bachelor’s degree in a declared major (exception: Pre-Engineering students, see above). UW Oshkosh is responsible for setting the policies for earning the Bachelor’s degree.
 - To gain admission to the Professional school(s) of his or her choice. Each Professional school is responsible for setting its own policies for admission.
- In general, the Pre-Professional student is free to choose any major because the vast majority of Professional schools have no preference. Often, one particular major provides the “path of least resistance” for satisfying Professional school admissions requirements. However, that should *not* be the only reason a student declares that particular major. Students may achieve more academic success in programs that truly interest them. For example, Psychology majors have gone on to medical school, law school, and masters and doctoral programs in clinical or counseling psychology.
- Professional schools can, and do, change their admissions requirements at will, and are under no obligation to notify Pre-Professional advisors of their actions. Vigilance is required! Pre-Professional students are encouraged to *communicate directly with admissions recruiters at Professional schools* to remain current in their policies. In the end, careful planning by the student, with the assistance of advisors at UW Oshkosh *and* at the Professional school(s), will result in a Bachelor’s degree plan that earns both a degree and eligibility for admission.
- At UW Oshkosh, when a student decides to declare a major, s/he also has the option of self-identifying as a particular type of Pre-Professional, such as “Pre-Med” or “Pre-Law”. Identifying as Pre-Professional is secondary to declaring a major. Pre-Prof is just a flag on the student’s record that just alerts anyone viewing the student’s academic plan to a hoped-for career outcome. Identifying, or not identifying, does not change the student’s access to advisors or choice of career; it’s a convenience only. Common UW Oshkosh major/Pre-Profession combinations are:
 - Biology/Pre-Med (but Med Schools admit *any* major)

- Chemistry/Pre-Pharmacy (but Pharm Schools admit *any* major)
 - Political Science/Pre-Law (but Law Schools admit *any* major)
 - Physics/Pre-Engineering
- The following emerging trends in Professional education should be noted:
 - Some Professional schools outside of Engineering do admit a tiny fraction of students without the Bachelor's degree, *i.e.* with only 1-3 years of college. However, outside of Engineering, this policy is disappearing, in view of the value of a well-rounded education and of maturity.
 - Professions that used to be trained at the Bachelor's degree level are now moving toward the Master's degree level (typically, 2 years of Professional school after the Bachelor's degree). Professions that used to be Master's level are now moving toward the Doctoral degree level (typically, 4 years of Professional school after the Bachelor's degree).
 - Non-academic factors contribute substantially to how competitive a student is for Professional school admission. Students must plan for things like entrance exams, apprenticeship-like experiences in the Profession, and criminal background checks. Even if not actually required, non-academic factors give students the advantage in the competition for admission.
- Based on these trends, Pre-Professional students at UW Oshkosh are routinely advised to:
 - Plan a full Bachelor's degree completion.
 - Plan for the possibility that their chosen profession will "go doctoral" by the time they apply.
 - Plan to accommodate required *and* recommended non-academic factors.
- As Professions change, so do the admissions requirements of Professional schools. Therefore, the options for Pre-Professional education at UW Oshkosh change, too. Only the most general information is provided in this Bulletin, so that it does not rapidly go out-of-date. Please consult the UW Oshkosh web pages and advisors listed below for the most current information.

PRE-ENGINEERING

- Engineering professions include a variety of fields such as electrical, computer, mechanical, civil, mining, architectural, biomedical, environmental, industrial, chemical, geological, materials science, manufacturing, and nuclear.
- Engineering Education:
 - Two years of liberal arts (pre-engineering) courses to include calculus, physics, chemistry, English, economics and, in some cases, speech
 - Two to three years of engineering course work
- Engineering programs in Wisconsin include:
 - University of Wisconsin Madison
 - University of Wisconsin Milwaukee
 - University of Wisconsin Platteville
 - University of Wisconsin Stout Marquette
 - University Milwaukee School of Engineering
- Course suggestions for students attending UW engineering schools:
 Required courses will vary depending on the school and engineering specialty selected. It is important that pre-engineering students meet regularly with pre-engineering advisors,

and that they contact the school where they plan to complete the engineering program early in their college careers.

The following first semester courses are suggested, with exceptions to this schedule noted below:

- Physics 109 or Chemistry 105 *
- Computer Science 221
- Mathematics 171 (or begin the math sequence based on placement test results) * *
- Practical Arts 101 ***

* For most engineering fields, take Physics 109 and Math 171. For Chemical Engineering, take Chemistry 105 and Math 171.

** Start math sequence according to Placement Test results. Note that lower placement will delay taking Physics 109, which is calculus-based. If placed into Mathematics 104 or 108, it is best to take 108 or take 104 in Fall term and Mathematics 106 in January Interim (104 + 106 = 108) to progress through the math sequence more quickly.

*** Practical Arts 101 is required for all engineering programs at UW Platteville; industrial, civil and mechanical at UW Milwaukee; and agricultural, mechanical and engineering mechanics at UW Madison. Do not take 101 for electrical or materials engineering at UW Milwaukee or for electrical, materials, chemical, civil, geological, industrial, metallurgical, and nuclear at UW Madison. Instead substitute a social science or humanities elective. Economics 206 would be a good choice.

Of the four courses listed, Computer Science 221 may be taken later so the student substitutes a social science, humanities or English composition course. English 101 or WBIS 188 is required by both UW Platteville and UW Milwaukee. Students attending UW Madison must have taken it or tested out of it. Communication 111 is appropriate for all engineers attending UW Platteville, but only for electrical, civil and chemical engineers at UW Madison. It does not meet any requirement for other engineering specialties at UW Madison and is not needed for engineering at UW Milwaukee. Advisors are available to help select the correct courses.

The information below delineates the required courses needed to complete a physics major at UW Oshkosh, transfer to either UW Madison or the University of Minnesota and complete a two-year engineering major. (Students in the dual degree program receive both a Bachelor of Science degree with a major in physics from UW Oshkosh and a Bachelor of Science degree with a major in a selected engineering field from UW Madison or the University of Minnesota.

- Degree Requirements: UW Oshkosh
 1. Students must meet the course requirements for general education and for a B.S. degree in the college of Letters and Science.
 2. Meet the grade point average requirements of UW Oshkosh with regard to general education courses and courses taken in physics at UW Oshkosh.
 3. Meet the UW Oshkosh requirement for 35 upper level course credits. (Courses designated as upper level by the engineering school to which the student has transferred will be included in the upper level credit count to meet the UW Oshkosh requirement.)
 4. Normally, students will complete about 84 credits at UW Oshkosh before transferring to their engineering school of choice. If a student transfers courses into UW Oshkosh, the student will be required to complete 30 credits of UW Oshkosh courses to qualify for the B.S. Degree with a major in physics from UW Oshkosh.

5. The UW Oshkosh residency requirement stating that 15 of the student's last 30 credits must be taken at UW Oshkosh will be waived for these students.
- Additional explanation: Completion of the program will normally take five years (or more), three at UW Oshkosh to complete the physics major and College of Letters and Science Bachelor of Science requirements and an additional two at the engineering school of choice to complete the requirements for the degree in engineering.
 - UW Oshkosh requirements for the physics major:

Mathematics Courses:

Math 171 Calculus I - 4 cr.

Math 172 Calculus II - 4 cr.

Math 273 Calculus III - 4 cr.

Math 256 Intro to Linear Math

AND

Math 371 Differential Equations - 6 cr.

OR Combined Linear Algebra/Differential Equations course from the destination engineering school.

Total Math credits required (from UW Oshkosh or equivalent), including 3 to 5 courses listed above: 12 - 18 cr.

Chemistry 105 General Chemistry I - 5 cr.

Total Chemistry - 5 cr.

Required Physics courses:

Physics 109 General Physics I - 5 cr.

Physics 110 General Physics II - 5cr.

Physics 206, Modern Physics - 4 cr.

Physics 222 - 2 cr.

Physics 320 Classical Physics* - 3 cr.

*(OR Physics 201 Statistics, and Physics 202 Dynamics) - 6 cr.

*Statistics and Dynamics may be taken at the destination engineering school.

Additional UW Oshkosh Physics courses (total 11 credits) from the following list:

Physics 305 Electronic Circuits and Devices - 3 cr.

Physics 311 Digital Instrumentation - 4 cr.

Physics 307 Optics - 3 cr.

Physics 319 Digital Signal Processing - 3 cr.

Physics 322 Physics Laboratory II - 2 cr.

Physics 408 Statistical Physics and Thermodynamics - 3 cr.

Physics 417 Electricity and Magnetism - 3 cr.

Physics 419 Quantum Mechanics - 3 cr.

Physics 491 Senior Research Project - 1-4 cr.

Total minimum physics and Engineering credits from UW Oshkosh, as stated above: - 26 cr.

Courses required from UW Oshkosh: Minimum of 30 cr.

Within the course credits transferred back from the destination engineering school to UW Oshkosh, there must be:

- Sufficient approved upper division engineering and physics courses for the student to have at least 36 credits in physics and engineering courses including the minimum 26 UW Oshkosh physics and engineering credits listed above.
 - Sufficient credits to meet the required total 120 credits and the 35 upper division credits required for graduation at UW Oshkosh.
- The B.S. Degree with Physics Major will be awarded as soon as the student has transferred the needed courses from the destination engineering school and has met the requirements for a B.S. degree from UW Oshkosh and the requirements for the Physics Major specified above.
- Faculty Advisors:
Dr. Dennis Rioux, Halsey Science 347, 424-4429
Physics Dept., All areas of engineering, Email: rioux@uwosh.edu
- Academic Advisors:
Ron Cardo, cardo@uwosh.edu
Student Success Center, (920) 424-1268

PRE-LAW

- A Bachelor's degree is required for entrance to most American law schools, and the degree may be earned in any major a student chooses. There are no prescribed courses for admittance to law school, which is a three-year program. The undergraduate pre-law student is however encouraged to pursue an area of study which is interesting and challenging while taking advantage of opportunities to develop skills in research, writing, and critical thinking. In Wisconsin, there are law schools at UW Madison and Marquette University. It is recommended that students contact those institutions for specifics about their programs.
- A student planning to apply to law school should be aware to the following deadlines:
 - Most law schools require applicants to take the Law College Admissions Test (LSAT). The test is administered four times a year. A mock LSAT is available at our Testing Center. Information on test dates, registration procedures and sample tests are available at www.lsac.org.
 - Many schools require applicants to subscribe to the Law School Data Assembly Service (LSDAS). The LSDAS Report provides law schools with a copy of the undergraduate academic transcript summary, analysis, copies of all undergraduate and graduate transcripts, LSAT scores, and a copy of the writing sample. Register at www.lsac.org.
 - Nearly all law schools require first year students to begin their studies in the fall term.
 - Some law schools make admission decisions as early as October of the year prior to student entry.
 - A student who plans to graduate in May and enter law school that same year (September) should plan to take the LSAT in June after the junior year and complete the law school application forms during that summer after receiving the results of the June exam.
- **Additional Information: Programs**
University of Wisconsin Law School
Admissions and Financial Aid
975 Bascom Hall

Madison, WI 53706-1399

Phone: 608-262-5914

E-mail: admissions@law.wisc.edu

www.law.wisc.edu/admissions

- Marquette University Law School
Office of Admissions-Eckstein Hall
1215 West Michigan Street
Milwaukee, WI 53201-1881
Phone: 414-288-6767
E-mail: law.admission@marquette.edu

www.mu.edu/law

- **Additional Information: Professional**
American Bar Association
750 North Lake Shore Dr
Chicago, IL 60611
312-988-5000
Web Site: www.abanet.org
- National Lawyers Association
Information Services City Center Square
PO Box 26005
Kansas City, MO 64196
1-800-471-2994
Web Site: www.nla.org

Faculty Advisor:

Dr. Tracy Slagter, Clow Faculty 421, slagtert@uwosh.edu

PRE-VETERINARY MEDICINE

- Veterinarians work in small and/or large animal practices, public health agencies, research settings, and a variety of other positions. While two years of pre-veterinary study (60 credits of course work) are the absolute minimum, some veterinary medical colleges give priority to applicants if they are a candidate for the baccalaureate degree.
- Students may obtain excellent undergraduate preparation at UW Oshkosh by taking the appropriate coursework, which varies slightly depending upon the veterinary school in question. The pre-veterinary student must familiarize him or herself with each veterinary school's program for best results.
- Acceptance into one of the 27 veterinary medical schools in the United States is extremely competitive. The student will need very high grades and should score well on the admission test required by the school. Veterinary medical schools require four years of professional training in order to receive the Doctor of Veterinary Medicine degree (D.V.M.). In Wisconsin, the veterinary medical school is located at the UW Madison. Wisconsin residents have a greater chance of being admitted to the UW Madison School of Veterinary Medicine than any other veterinary college. The following are suggested courses at UW Oshkosh for a student in the pre-veterinary program who ultimately plans to attend the UW Madison.
 - Biology 105 and 230
 - Biology 323 and 343
 - Chemistry 105 and 106

- Chemistry 235, 335 and 303 (335 is not required by Madison but is a prerequisite at Oshkosh for 303)
- Physics 107 and 108
- Mathematics 104 and 106 or 108 (begin math according to placement test results; Math 108 OR 104 AND 106 must be completed prior to physics)
- Statistics Psychology 203
- English 101 or WBIS 188, and an advanced Composition course
- Social science electives
- Humanities electives
- Additional Information: Programs
University of Wisconsin Madison
School of Veterinary Medicine
Office of Academic Affairs
2015 Linden Dr W
Madison, WI 53706-1102
608-263-2525
Web Site: [www.vetmed.wisc.edu.oaa.html](http://www.vetmed.wisc.edu.oaa/oaa.html)
- Additional Information: Professional
American Veterinary Medical Association
1931 N Meacham Rd Ste100
Schaumburg, IL 60173
847-925-8070
Web Site: www.avma.org
- Faculty Advisor:
Colleen McDermott , Biology, Halsey Science Center 154, 424-1102
Dr. McDermott is a Doctor of Veterinary Medicine

PRE-HEALTHCARE PROFESSIONS

While we usually think of “Healthcare” as meaning the clinical care of patients, it also includes administration and management, research and development, and sales of pharmaceuticals and instrumentation. New technologies, new policies, and new treatments have greatly expanded the number of Healthcare careers in recent years. Information about these careers may be found through the United States Government’s Bureau of Labor Statistics <http://www.bls.gov/oco/>, the American Medical Association <http://www.ama-assn.org/>, and the Wisconsin Area Health Education Center <http://wihealthcareers.org>.

Undergraduate preparation for many of these Healthcare careers can be obtained at UW Oshkosh. Moreover, today’s high school seniors will probably have even more options by the time they are college seniors. UW Oshkosh has its eye on this future for our students.

I. Terminal Bachelor’s Degree Programs

UW Oshkosh offers several Healthcare-related degree programs requiring only a Bachelor’s degree as the “terminal” degree. These include:

- Athletic Training Major
- Environmental Health Major
- Kinesiology Major, Exercise & Fitness Emphasis
- Kinesiology Major, Strength & Conditioning Emphasis
- Medical Technology Major
- Nursing Major (traditional program)

Each of the above majors takes about 8 semesters (4 years) to complete. Degree completion is generally followed by passing a licensure exam, leading to eligibility for clinical care employment directly after college. Consult the Bulletin index or program web sites (found at <http://www.uwosh.edu>) for more details.

Our College of Nursing also offers an Accelerated Nursing degree for students who have already earned a different Bachelor's degree and have completed certain course prerequisites. See <http://www.uwosh.edu/con/undergrad/accelerated.php> for more details.

In recent years, UW Oshkosh instituted additional (terminal) Bachelor's degree programs designed (in consultation with leading Healthcare employers in the Fox Valley region) to make students highly competitive for employment after college in Healthcare administration, management, and sales. The new programs are:

- Biology Major, Healthcare-Business Emphasis
- Psychology Major, Healthcare-Business Emphasis
- Business Administration Major, Healthcare Emphasis

The first two are something like Healthcare "majors" with a business "minor" blended in, whereas the third is something like a business "major" with a Healthcare "minor" blended in. Students can choose the blend they prefer. For example, the Psychology Healthcare-Business option might be perfect for a student interested in an administrative position in mental health, whereas the Biology Healthcare-Business option might be best for a student who wants to work in pharmaceutical sales.

II. Bachelor's Degree Programs preparatory for Graduate Education

Traditional Pre-Professional Bachelor's degree programs are not terminal; instead, they prepare students for *further* Professional education at the Master's or Doctoral level, culminating in professional clinical care or research and development careers. Typically, Pre-Professional students at UW Oshkosh select a suitable major and then apply to the Professional school(s) of their choice in the junior year. What constitutes a "suitable major" is really up to the student because the graduate programs specify certain courses, but not certain majors. Often, UW Oshkosh students choose traditional majors offered through our departments of Biology & Microbiology, Chemistry, Kinesiology, or Psychology. Then they go on to graduate schools and careers, such as the following:

- Anesthesia assistant (Master's degree)
- Chiropractor (Doctoral degree)
- Clinical psychologist (Doctoral degree)
- Dentist (Doctoral degree)
- Medical doctor (allopathic or osteopathic) (Doctoral degree)
- Occupational therapist (Master's degree or higher)
- Optometrist (Doctoral degree)
- Pharmacist (Doctoral degree)
- Physical Therapist (Doctoral degree)
- Physician Assistant (Master's degree)
- Podiatrist (Doctoral degree)

In recent years, UW Oshkosh's College of Letters & Sciences instituted new Healthcare-Science Emphases within selected majors designed specifically for Pre-Health students. These Bachelor's degree programs take some of the guesswork out of preparing for Professional school because they include *most* of the courses required for admission to *most* of the Professional

schools. They also prepare students well for several different entrance exams (*e.g.* MCAT, DAT, OAT, PCAT, GRE). They are a good option for the student interested in a clinical career, but unsure of which one. It is possible (with careful planning) to construct a Healthcare-Science degree so that the student's final decision about which career can be made as late as the senior year. Because of the many lab classes and research experiences that count toward these majors, they are also excellent preparation for the student interested in biomedical research and development, or even in sales of pharmaceuticals and instrumentation. The new Healthcare Science Emphases are:

- Biology Major, Healthcare-Science Emphasis
- Biomolecular Science Major, through the Chemistry Department
- Kinesiology Major, Healthcare-Science Emphasis
- Psychology Major, Healthcare-Science Emphasis

The College of Letters & Sciences also offers several minors that may interest Pre-Health Professions students who have declared *any* major, including:

- Biology Minor
- Chemistry Minor
- Microbiology Minor
- Neuroscience Minor
- Psychology Minor

Students wishing up-to-date information on these degree programs should consult the Bulletin index for the sponsoring department or the campus web site for more details on each of those programs.

III. Special Programs

Our School of Graduate Studies offers a Graduate Certificate in Health Care Management to students who already hold Bachelor's degrees. This certificate is a "post-baccalaureate study that provides an historical perspective, familiarizes students with important policy issues and disciplinary approaches, provides theoretical grounding, and conveys the tools and framework for resolving complex problems in health care management".

See <http://www.uwosh.edu/mpa/healthcare.htm> for more information.

Our College of Nursing offers a Master of Science in Nursing, a Doctor of Nursing Practice, and Graduate Certificates.

See <http://www.uwosh.edu/con/> for more information.

Psychology

Information

Jim Koch , Chairperson
Department Office: Clow Faculty 29
Department Telephone: 920-424-2300
Code 86 or PSYCH

Faculty

- Chow, Chrobak, Hong, Koch, Lishner, McCann, McFadden, Miron, Rauscher, Winterrowd, Worth

Degrees

- **Undergraduate:** A major in Psychology can lead to the degrees: Bachelor of Arts; Bachelor of Science; Bachelor of Science in Education.
- **Graduate:** The Psychology Department offers graduate study with emphases in Experimental Psychology leading to the Master of Science degree. For specifics please see the University of Wisconsin Oshkosh Graduate Bulletin.

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of its goal(s).
 - Advising: Psychology majors with fewer than 40 credits will be assigned an advisor in the UARC. Majors with 40 or more credits are assigned a Psychology faculty advisor. Majors are required to meet with their advisor prior to registration for classes and should contact their advisor in advance of their registration date to set up an advising appointment.
 - Student handbooks for majors and minors are available from the Department Office and at <http://www.uwosh.edu/psychology>
2. **THE MAJOR(S)**
 - The Department offers one major: 1) Psychology
The Department offers a choice of 2 emphasis within the Psychology Major: 1) Healthcare - Business, 2) Healthcare - Science.
3. **THE MINOR(S)**

- The Department offers two minors: 1) Psychology 2) Psychology - Secondary Education

Admission/Graduation Requirements

Requirements of graduation with a psychology major are:

- Psychology Majors and Minors must obtain grades of "C" (2.0) or higher in psychology courses in order for the courses to count toward graduation in the major. If a grade lower than a "C" (2.0) is received in a psychology course, the student may elect to retake the course (limited to one retake).
- Psychology Majors and Minors must receive a grade of "C" (2.0) or higher in any courses which are prerequisite for another course.
- External prerequisite courses such as Mathematics 104, College Algebra I, or Mathematics 108, College Algebra and Trigonometry, or PBIS, which are required for Psychology 203, Elementary Psychological Statistics, must be passed with a grade of "C" (2.0) or higher.

Formal Admission to the Major. Students are formally admitted to the major by satisfying the following requirements for Psychology 299:

- Completion of 48 or more college units (crs.).
- Completion of the following courses (or equivalents for transfer students) with a grade of C (2.0) or better:
 - Psychology 101, 104 or 110
 - Psychology 123
 - Psychology 203
 - English 101 or 110 or WBIS 188
 - Mathematics 104, 108 or 204. PBIS 187, 188, 189 or Mathematics 204 may be substituted for Mathematics 104
 - Any two science courses that meet General Education BA or BS requirements.
 - Completion of at least 9 units (crs.) of psychology (with a minimum of 6 units (crs.) taken at the University of Wisconsin Oshkosh).

Students should submit the Psychology 299 form with a current STAR attached to the department office (CF 29). If all requirements for Psychology 299 have been met, the Academic Department Associate will register the student for Psychology 299. At the completion of that academic term, students will receive a P (Pass), formally admitting them to the major. Appeals to the chairperson's decision will be acted upon by the Psychology Undergraduate Curriculum Committee, whose decision will be final.

Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their majors and minors in order to meet the requirements of the College of Education and Human Services.

Appeals and waivers to the above rules may be directed to the department chairperson for review.

Required Core Courses

- **Psychology**
 - Psychology 101 General Psychology, or 86-104 Honors: General Psychology, or 86-110 General Psychology 3 crs.
 - Psychology 123 Psychology Orientation 2 cr.
 - Psychology 203 Elementary Psychological Statistics 3 cr.
 - Psychology 299 Admission to Psychology Major 0 cr.
 - Psychology 275 Experimental Psychology 5 cr.
- **Comments:**

Students are encouraged to select additional courses in Biology, Chemistry, Mathematics and Physics. A student handbook is available in the Psychology office and at <http://www.uwosh.edu/departments/psychology>. It is important for students to consult with Department faculty for program and career planning assistance.

The Major(s), with Emphasis and/or Options

1. PSYCHOLOGY MAJOR

Recommended for students who seek a liberal arts preparation for employment in business, industry, or human service agencies, or wish to prepare for professional or graduate school.

- **Required Units (crs.):** 35 minimum
- **Requirements:** In addition to the Core Courses:
 - **Perspectives in Psychology**-Choose 4 of the following 5 courses; 12 crs.
 - Psychology 302 or 303, 305, 383, 390, 391
 - **Capstone Courses**-Choose 1 of the following 3 courses; 3 crs.
 - Psychology 464, 470, 490
- **Electives:** The remaining unit (cr.) hours are electives and can be fulfilled by any Psychology course, including all courses listed under Perspectives in Psychology and Capstone course groups. Interdisciplinary Studies 399, L & S Career Internships (3 cr.) and Philosophy 316, Introduction to Cognitive Science (3 cr.) may also be counted as elective courses for the Psychology Major.

A. Healthcare - Business Emphasis

Recommended for students seeking a broad background in the biological and social sciences related to Healthcare, combined with business essentials. The Honors version of any course may be substituted. See a Healthcare advisor for General Education recommendations in support of this Emphasis.

- **Required Units (crs.):** 80 minimum
- **Required courses:**
 - **Psychology:** Psychology 101 or 104 or 110, 203, 220, 275, 367, 383 (Note: Psychology 123 is not required, Biology 112 is required-see below).
 - **Three courses from the following list:**
 - Psychology 303, 305, 380, 391, 464, 470 or 490

- **Psychology:** Psychology 446, 474, 480 or Interdisciplinary 399 (must be related to Healthcare)
- **Math:** Math 171 or 204 and 206
- **Biology:** Biology 105, 112, 211 or 308, 212, 323
- **Chemistry:** Chemistry 105, 106
- **Business:** Business 198, 204, 311, 351, 361
- **Two of the following courses:** Business 320, 331, 341, 371, Economics 204

NOTE: Maximum of 6 Business credits per semester are allowed.

B. Healthcare - Science Emphasis

Recommended for students seeking a rigorous undergraduate program in the biological and social sciences related to Healthcare, particularly if graduate education is desired. The Honors version of any course may be substituted. See a Healthcare advisor for General Education recommendations in support of this Emphasis.

- **Required Units (crs.):** 74 minimum
- **Required courses:**
 - **Psychology:** Psychology 101 or 104 or 110; and 203, 220, 275, 367, 383 (Note: Psychology 123 is not required, Biology 112 is required-see below).
 - **Three courses from the following list:**
 - Psychology 303, 305, 380, 391, 464, 470 or 490
 - **Psychology:** Psychology 446, 474, 480 or Interdisciplinary 399 (must be related to Healthcare)
 - **Math:** Math 171 or 204 and 206
 - **Biology:** Biology 105, 112, 211 or 308, 212 or 319, 323
 - **Chemistry:** Chemistry 105, 106, 235, 303, 335

The Minor(s)

1. PSYCHOLOGY MINOR

Recommended for students who wish to select courses related to their major and career objectives and/or for personal interest and development.

- **Required Units (crs.):** 21 minimum
- **Required Courses:**
 - **Psychology:** Psychology 101 or Psychology 104 or 110; and 203, 275
 - **6 units (crs.) from the Perspectives in Psychology group.**
- **Electives:** Any other courses from the Department's offerings to meet the Minimum Requirement (21 credits).
- **Prerequisites:** See course offerings to determine course prerequisite.
- **Comment:**

A Student Handbook for Psychology Minors is available from the Department Office and at <http://www.uwosh.edu/psychology>

2. PSYCHOLOGY - SECONDARY EDUCATION MINOR

Recommended for students who seek a license as a secondary school (grades 7-12) teacher.

- **Required Units (crs.):** 21 minimum

- **Required Courses:**
 - **Psychology:** Psychology 101 or Psychology 104 or 110; and 203, 220, 275, 303, 383.
- **Electives:** Sufficient courses from the Department's offerings to meet the 21 credits required for the minor.
- **Prerequisites:** See course offerings to determinate course prerequisite.

Course Offerings

- **Psychology 101** 3 units (crs.)

General Psychology (SS)

A beginning course in psychology designed to provide an understanding of contemporary approaches to human behavior and to lay the foundation for additional work in psychology. Students must complete a course research requirement. Credit cannot be received for both Psychology 101 and 110 or Psychology 101 and 104.

- **Psychology 104** 3 units (crs.)

Honors: General Psychology (SS)

A general psychology course for University Honors program. Students must complete a course research requirement. Prerequisite: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Psychology 110** 3 units (crs.)

General Psychology for Psychology Majors (SS)

A beginning course in psychology designed to provide an understanding of contemporary approaches to human behavior and to lay the foundation for additional work in psychology. This course should be taken by students anticipating a major in Psychology. Students must complete a course research requirement. Credit cannot be received for both Psychology 101 and 110 or Psychology 104 and 110.

- **Psychology 123** 3 units (crs.)

Psychology Orientation

An introduction to the psychological sciences for students declaring or considering a major in Psychology. Discussion topics will include: current employment opportunities for people with a bachelor's degree in psychology; undergraduate research in psychology professional ethics; style requirements for psychology papers; planning to graduate in four years (course selection, research experience, internships); and an introduction to department faculty, their research programs and department facilities. Psychology 123 is intended for students in their 1st, 2nd, or 3rd semesters of college. It may be taken at the same time as Psychology 101 (or 104 or 110). Students who declare a major in Psychology after the 3rd semester are also required to take this course. Biology 112 will substitute for Psychology 123 for Psychology majors enrolled in the Healthcare-Science or Healthcare-Business emphases.

- **Psychology 203** 3 units (crs.)

Elementary Psychological Statistics

Descriptive statistical methods including frequency distributions and measures of central tendency, variability and relative standing, and correlation. Fundamentals of probability and

sampling distributions. Introduction to inferential statistical methods for statistical estimating and hypothesis testing with t-tests and elementary analysis of variance. (Statistics courses in other areas generally do not substitute for this course and may result in loss of credit. Both Psychology 203 and Sociology 281 may not be counted toward units (crs.) required for graduation.) A portion of the seats are reserved for psychology majors. Prerequisite: Psychology 101, 104 or 110, and PBIS 187, 188, 189, Mathematics 104 with a grade of C or better, or placement at a level higher than Math 104 via the math placement examination.

- **Psychology 220** 3 units (crs.)

Health Psychology (SS)

A study of psychological and environmental factors in the cause, treatment, and prevention of disease; including history, research methodology, theory, and the role of health psychologists in influencing contemporary health care practices. Prerequisite: Psychology 101, 104 or 110.

- **Psychology 224** 3 units (crs.)

Psychology of Human Sexuality (SS)

Comprises an inquiry into the origin and variations in sexual behavior and differences in intellectual and other capacities based on gender, and a psychological study of the social phenomena influencing concepts of masculinity and femininity. Prerequisite: 9 unit (cr.) hours of psychology to include Psychology 101, 104 or 110 or 6 units (crs.) with consent of instructor.

- **Psychology 225** 1-3 units (crs.)

Psychology Field Study

Formal library (e.g. reading, use of data bases) and classroom study of selected areas followed by field study, often in remote locations. Sensitivity for host cultures and/or special populations and ethical responsibility during data collection emphasized. Information on specific trips, fees, transportation and expenses are announced each time the course is scheduled. May be retaken with change of topic. Prerequisite: Psychology 101, 104, 110 or consent of instructor.

- **Psychology 260** 3 units (crs.)

Psychology of Gender

Study of the psychological theories and research concerning gender in and across cultures. Topics, as they relate to gender, include language and communication, physical and mental development and health over the lifespan, work relationships, education, sexuality, power, and the media. Cross-listed: Psychology 260/Women's Studies 260. Students may receive credit for only one of the two cross-listed courses. Prerequisites: General Psychology 101, 104 or 110; or consent of instructor.

- **Psychology 271** 3 units (crs.)

Cross-Cultural Psychology (ES) (SS)

Study of contemporary psychological theories and research concerning similarities and differences across cultures. Emphasis on cultural, ethnic and racial groups within the United States. Topics include ethnocentrism, stereotypes, prejudice, psychological processes across cultures, and cross-cultural interactions. Prerequisite: Psychology 101, 104 or 110 with a grade of C or better.

- **Psychology 275** 3 units (crs.)

Research Methods

Introduction to the principles of research design and methodology as they apply to the study of psychological processes and behavior. Topics include: Ethics in research, measurement, experimental and non-experimental research design. Students will

participate in the analysis and presentation of data. Prerequisite: Psychology 101, 104 or 110, prior or concurrent enrollment in Psychology 123, prior or concurrent enrollment in Psychology 203. Non-majors may enroll with consent of the instructor.

- **Psychology 299** 0-0 units (crs.)

Admission to Major

Approval for enrollment certifies that a student has been admitted to the major in Psychology. Approval for admission to the major will not be granted until all the prerequisites have been completed. A student is not eligible for graduation with a major in Psychology until an application for admission to the major has been submitted and approved by the Undergraduate Admissions Committee of the Psychology Department. See Section IV. Pass/Fail

- **Psychology 302** 3 units (crs.)

Honors: Psychology of Abnormal Behavior (SS)

This honors course is designed to further understanding of behavior which our society defines as abnormal or deviant. With an emphasis on theories of psychopathology, each of the various classifications of psychopathological behavior will be examined, along with their respective treatment interventions. A second major goal of the course will be to raise social awareness and assist the student in developing attitudes of compassion and tolerance. It is recommended that students undertake a volunteer experience in the mental health field while taking this course. Prerequisite: University Honors status, prior or concurrent enrollment in Honors 175, and prior or concurrent enrollment in Psychology 275 (Criminal Justice 343 may be substituted), or consent of instructor. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Psychology 303** 3 units (crs.)

Psychology of Abnormal Behavior (SS)

A description and interpretation of behavior types considered deviant and/or maladaptive. Various methods of treatment including psychotherapy are considered. Prerequisite: Prior or concurrent enrollment in Psychology 275 (Criminal Justice 343 may be substituted), or consent of instructor.

- **Psychology 304** 3 units (crs.)

Psychology of Religion (SS)

Discussion of theory and research findings on religious development across the life span. Topics covered include the effects of religion on behavior, forms of religious experience, religion and personality, and the measurement of religiosity. Prerequisite: Psychology 101, 104 or 110.

- **Psychology 305** 3 units (crs.)

Social Psychology

Principles of human interaction as a function of the social setting. Topics include measurements of attitudes, propaganda, group behavior, and leadership. (Psychology 205 and Sociology 321 may not both be counted for credit toward the 120 units (crs.) required for graduation.) Prerequisite: Prior or concurrent enrollment in Psychology 275 (Criminal Justice 343 may be substituted), or consent of instructor.

- **Psychology 310** 3 units (crs.)

Comparative Psychology

A survey of the concepts and techniques used in the comparative analysis of animal behavior. Prerequisite: 6 units (crs.) of psychology to include Psychology 101, 104 or 110 or consent of instructor.

- **Psychology 331** 3 units (crs.)

Infant and Child Development (SS)

A study of child development from conception through middle childhood. With an emphasis on infancy and early childhood, the course will examine physical, motor, perceptual, cognitive, social, and emotional development within the context of current research and theory.

Prerequisite: Psychology 101, 104 or 110 or consent of instructor.

- **Psychology 338** 3 units (crs.)

Adult Development and Aging (SS)

A study of the developmental tasks of early, middle, and late adulthood. Work, marriage, parenthood, retirement, death, and other issues will be examined with regard to cognitive, emotional, motivational, and psycho-social functioning through the adult years. Cross-listed: Psychology 338/Women's Studies 338. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Psychology 101, 104 or 110.

- **Psychology 341** 3 units (crs.)

Intermediate Psychological Statistics

Inferential statistics methods for psychological research. Statistical estimation and hypothesis testing, using analysis of variance and other techniques for testing significance of differences in data from independent samples or repeated measures. Prerequisite: Psychology 101, 104 or 110 and Psychology 203 or equivalent courses in statistics.

- **Psychology 355** 3 units (crs.)

Psychology of Adolescence (SS)

A study of the facts, principles, and theories of adolescent behavior; emphasis upon practical applications. Prerequisite: Psychology 101, 104 or 110.

- **Psychology 363** 3 units (crs.)

Industrial and Organizational Psychology

A survey of the facts, principles, and theories of industrial and organization psychology. Topics include employee selection and evaluation, training, leadership, and work-related attitudes.

Prerequisite: Psychology 101, 104, or 110.

- **Psychology 367** 3 units (crs.)

Psychopharmacology

Overview of how the major classes of psychoactive drugs affect the brain and behavior. Topics include the biological mechanisms of drug action, neuroanatomy, neurophysiology, the development of tolerance and dependency, and clinical use of drugs. Prerequisite: 6 units (crs.) of psychology or consent of instructor.

- **Psychology 380** 3 units (crs.)

Cognitive Psychology

A survey course that examines how people process information. Topics include perception, attention, short and long-term memory, spoken and written language comprehension, concept formation, and artificial intelligence. The course emphasizes cognitive neuroscience and introduces students to brain scanning techniques and functional imaging data. In-class exercises demonstrate basic research methods.

Prerequisite: Psychology 101, 104, or 110.

- **Psychology 383** 3 units (crs.)

Biological Psychology

An overview of how physiological processes regulate behavior with a focus on neuroanatomical organization and neurochemical events that mediate human activity. Prerequisite: Psychology 101, 104 or 110 and completion of one year of laboratory biology.

- **Psychology 384** 3 units (crs.)

Biological Psychology Laboratory

A study of the techniques and experimentation in physiological psychology with a focus on human behavior. Prerequisite: Psychology 101, 104 or 110, and one year of laboratory biology. (2+6)

- **Psychology 390** 3 units (crs.)

Sport Psychology (SS)

This course, designed around interactive discussions, explores the developing relationship between the fields of psychology and athletic activity. It examines professional issues such as the certification and services for athletes and techniques used in treatment and maximizing performance. Other topics include athlete characteristics, both mental and physical, current advances in sport science and the societal perceptions and issues surrounding athletics.

Prerequisite: Psychology 101, 104, or 110 or consent of instructor.

- **Psychology 391** 3 units (crs.)

Developmental Psychology

A survey of the facts, principles, and theories of psychological development from conception through childhood, adolescence, maturity and old age; intelligence, emotional, social, perceptual, and linguistic behavior; emphasis upon developmental trends. Prerequisite: Psychology 101, 104 or 110.

- **Psychology 411** 3 units (crs.)

Psychometrics

The construction and use of tests in the assessment and prediction of human behavior. Prerequisite: 20 units (credits) of psychology to include Psychology 275.

- **Psychology 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. (A maximum of 6 units (crs.) of independent study or related readings in psychology may be counted toward the minimum unit (cr.) requirement of any Psychology major or minor.) Prerequisite: Junior standing with GPA of 3.0 or higher and 20 units (credits) of psychology to include Psychology 275.

- **Psychology 451** 3 units (crs.)

Seminar in Applied Psychology

Review of personnel selection, development, assessment; introduction to engineering psychology, consumer psychology, psychology and social interaction; relationship with other professions. Prerequisite: 20 units (credits) of psychology to include Psychology 275.

- **Psychology 455** 3 units (crs.)

Sensation and Perception

This course examines the sensory organs, neural mechanisms, and cognitive processes involved in human visual and auditory perception. Topics include color vision, the perception of form and depth, motion, visual and auditory illusions, speech perception, and auditory space perception. In-class demonstrations are incorporated to illustrate perceptual phenomena. An overriding theme is the neural basis of perceptual processes. Prerequisite: 20 units (credits) of psychology to

include Psychology 275. These prerequisites will be waived for Neuroscience's Minors who are not Psychology Majors.

- **Psychology 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. (A maximum of 6 units (crs.) of independent study or related readings in psychology may be counted toward the minimum unit (cr.) requirement of any Psychology major or minor.) Prerequisite: Junior standing with GPA of 3.0 or higher and 20 units (credits) of psychology to include Psychology 275.

- **Psychology 463** 3 units (crs.)

Theories and Principles of Learning

Discussion and evaluation of major concepts, theories, principles and research findings in learning. Prerequisite: 20 units (credits) of psychology to include Psychology 275.

- **Psychology 464** 3 units (crs.)

History of Psychology

An integrative course, to provide perspective on the field of psychology by examining the issues common to all subfields of the discipline. Topics will include philosophical and empirical antecedents to psychology, the historical development of the major psychological schools of thought and current manifestations of lasting questions in the field. Prerequisite: 20 units (credits) of psychology to include Psychology 275.

- **Psychology 470** 3 units (crs.)

Research in Psychology

Design and completion of a research project including literature review, data collection, analysis and interpretation and the writing of a research report. Also includes basic coverage of research ethics, research protocol procedures and American Psychological Association style manuscript preparation. Prerequisites: 20 units (credits) of psychology and a grade of B or better in both Psych 203 and Psychology 275 or consent of instructor. (2+2)

- **Psychology 473** 3 units (crs.)

Theories of Personality (SS)

An intensive study and comparison of the modern theories of personality development such as: Freud, Jung, Erikson, Horney, Rogers, Maslow and Skinner, and Dollard and Miller. Prerequisite: 20 units (credits) of Psychology 275. These prerequisites may be waived for students minoring in Neuroscience who are not Psychology majors. 473/673

- **Psychology 474** 1-6 units (crs.)

Honors Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Consult with the director of University Honors program regarding requirements. Prerequisites: University Honors program, Junior standing, and 20 units (credits) of psychology to include Psychology 275. Maximum of 6 units (credits). Pass/Fail course.

- **Psychology 480** 2-5 units (crs.)

Advanced Research in Psychology

The design and analysis of experimental and/or correlational research in psychology. Emphasis on individual research in selected problem areas and preparation of a research report. Units (crs.) for this course can be taken incrementally over two terms, not to exceed a total of 5 units (crs.). Prerequisites: 20 units (credits) of Psychology to include Psychology 275 and consent of instructor. (0+4 to 10)

- **Psychology 481** 3 units (crs.)

Practices in Clinical Psychology

A survey of the theories and techniques that are used in the practice of counseling and psychotherapy. The characteristics of the therapeutic relationship, along with role playing experiences, serve to introduce the work of the "helping professions." Prerequisite: 20 units (credits) of psychology to include Psychology 303.

- **Psychology 490** 1-3 units (crs.)

Special Topics

A psychology course on a topic not regularly taught in the Department's curriculum or advanced treatment of existing course content. Students may take the course twice with different content. Descriptions of the course will be available in the psychology Department office at the beginning of the semester prior to the one when the course is offered. Prerequisites: 20 units (credits) of psychology to include Psychology 275.

Public Administration

Information

Craig Maher, Chairperson
Program Office: Clow Faculty 401
Telephone: 920-424-3230

Faculty

- Filipova, King, Maher, Nollenberger

Degrees

- **Undergraduate:** In combination with a major, the Public Administration minor can lead to a baccalaureate degree.
- **Graduate:** The Public Administration Department offers graduate study at the University of Wisconsin Oshkosh in the Master of Public Administration program. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin

Summary of Fields of Study

1. Goals

The mission of the Public Administration Department is to provide undergraduate and graduate students with an understanding of the field of public administration and the leadership skills required for public service. Undergraduate students are taught by experienced Public Administration faculty about the field of public administration and potential public service career tracks through information in the areas of human resources, economic development, leadership, bureaucracy, and political process. Graduate students are taught through small, interactive weekend classes that draw on their life experiences and their ability to direct their own learning and to strengthen their analytical skills, ethics, accountability, responsiveness, and public service leadership capacity.

2. The Major(s)

None

3. The Minor(s)

The program offers one minor: Public Administration

Admission/Graduation Requirements

- None

Required Core Courses

- None

The Major(s), with Emphasis and/or Options

- None

The Minor(s)

PUBLIC ADMINISTRATION MINOR

Recommended for students who wish to acquire administrative skills and knowledge in preparation for careers in the public sector.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Group A:** Public Administration 102, 221
 - **Group B:** Two of the following courses: Public Administration 307, 361, 362, 363, 364, 365, 366, 369, 390, 391
- **Electives:** Sufficient to meet the Minimum Requirement including these studies:
 - **Business:** Business Administration 412
 - **Communication:** Communication 443
 - **Criminal Justice:** Criminal Justice 340
 - **Economics:** Economics 403
 - **Interdisciplinary Studies:** Interdisciplinary Studies 312
 - **Political Science:** Political Science 225, 245, 253, 321, 324, 394
 - **Psychology:** Psychology 363.
 - **Sociology:** Sociology 361
 - **Urban Planning:** Urban Planning 300
- **Comment:**

Students are expected to complete a 3 unit (cr.) internship for the Public Administration minor.

Course Offerings

PUBLIC ADMINISTRATION COURSES

- **Public Administration 102** 3 units (crs.)
Contemporary Public Issues (SS)

This course will examine the major issues facing American society today. It will discuss the popular debates over social problems and analyze the strains on public institutions that these contentions produce. It will provide broad coverage of public affairs through a critical inquiry into the external environmental forces that shape modern government.

- **Public Administration 221** 3 units (crs.)
Introduction to Public Administration (SS)

Historical role of administration in government; techniques and problems of executive leadership, finance, personnel, planning and control.

- **Public Administration 307** 3 units (crs.)
Administrative Law and Procedure (SS)

The rule-making and adjudicating powers of governmental agencies. Specific topics such as rights of public employees in dismissal or suspension proceedings, rights of industries in regulatory proceedings, and open meeting laws. Judicial review of agency action. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of instructor. 307/507

- **Public Administration 330** 3 units (crs.)
Women and Crime

This course is the study of women and crime, including women as participants and victims of crime, and criminal justice professionals. The course explores the pathways by which women become involved in criminal behavior, the response of the criminal justice system, and the complex worlds women experience on the street and in prison. Prerequisites: Criminal Justice 103 (Introduction to Criminal Justice) or Criminal Justice 110 (Introduction to Criminal Justice for Majors).

- **Public Administration 361** 3 units (crs.)
Campaign Management

This course is designed to expose students to the principles and techniques necessary for the organization and management of electoral campaigns. It will provide the conceptual base for understanding, planning a strategy, establishing an organization, and utilizing the appropriate media. This class will attempt to raise the level of "inside" or practical election management experience so that it can be combined with political theory and social science data in order to assist class participants in making the many judgments needed for effective electioneering.

- **Public Administration 362** 3 units (crs.)
Public Personnel Administration (SS)

Personnel concepts and techniques in public organization, staffing, career systems, affirmative action, public unionism, compensation, fringe benefits, motivation, evaluation, supervisor-supervisee relations, etc. Traditional, behavioral and reform approaches in personnel administration. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of the instructor. 362/562

- **Public Administration 363** 3 units (crs.)
American Bureaucracy and Political Process (SS)

The role of bureaucracy in the making and implementing of public policy. Special focus on strategic interactions between American Bureaucracy and political institutions. Critical examination of administrative accountability and responsibility, administrative ethics and law,

planning and budgeting, and professionalism and bureaucratic elitism. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of the instructor. 363/563

- **Public Administration 364** 3 units (crs.)

Administrative Leadership and Behavior

Leadership criteria, sources, motivations and possibilities at different organizational levels in America; tools of leadership for promoting organizational goals; analysis of effects on societal, political and bureaucratic structures on a cross-cultural basis. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of the instructor. 364/564

- **Public Administration 365** 3 units (crs.)

Politics of Emergency Management (SS)

This course will focus on the political processes, institutional structures, public policies and social phenomena associated with mitigating the likely effects of extreme events, responding to them and recovering from them. The course is intended to help emergency managers develop an understanding of how local, state, federal and intergovernmental politics affect and are affected by hazards, crises, disasters and other extreme events. Prerequisite: Public Administration 221 or Criminal Justice 212 or consent of the instructor.

- **Public Administration 366** 3 units (crs.)

Emergency Planning and Administration (SS)

This course will introduce the concepts, theories, principles and practices of emergency planning and administration. It is intended to provide students with the analytic tools and techniques they can use in ranking risks and anticipating crises and then developing and implementing strategic preparedness programs in the public sector. The course will identify the various aspects of government and nonprofit planning for emergencies and show how these plans are tied to budgets, operational controls and public accountability. Prerequisite: Public Administration 221 or Criminal Justice 212 or consent of the instructor.

- **Public Administration 369** 3 units (crs.)

Government and the Economy

The application in modern governmental agencies of budgeting processes, planning regulatory activities and organizational devices for control, supervision, and decision making. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of the instructor. 369/569

- **Public Administration 390** 3 units (crs.)

Comparative Public Administration

The administrative systems of selected North American, European, African and Asian countries; with particular emphasis on administrative recruitment, promotion, policy making, supranational organizations, developmental planning and institution building. Prerequisite: Political Science 101 or Public Affairs 221.

- **Public Administration 391** 3 units (crs.)

Environment and Energy Management

This course will introduce students of Public Administration to the growing fields of environmental protection and energy conservation. Students will be introduced to policy options addressing the diminishing supply of fossil fuels at the national as well as the state and local levels. Students will learn basic skills related to managing energy in order to develop and supervise energy conservation programs for units of local government and small organizations. Prerequisite: Public Affairs 221 or Criminal Justice 212 or consent of instructor. 391/591

Religious Studies

Information

Pete Brown, Chairperson
Department Office: Arts & Communication 319
Department Telephone: 920-424-4406
Code 87 or RELSTDS

Faculty

- Baltutis, Corley, Eichler-Levine, Kaplan, Lishka, Ridgely.

Degrees

- **Undergraduate:** A major in Religious Studies can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. **The Goal(s)**
 - See the department for a listing of their goal(s).
2. **The Majors(s)**
 - The Department offers one major: Major in the Study of Religion - Liberal Arts.
3. **The Minor(s)**
 - The Department offers one minor: Minor in the Study of Religion - Liberal Arts.

Admission/Graduation Requirements

- Any student in good academic standing at the University is eligible to become a major. Specific department requirements listed below.
- To be eligible for graduation, students must meet all requirements for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Religious Studies major or minor. Refer to the following for complete major/minor course requirements.

Required Core Courses

Required Core Courses-9 units (crs.):

- Religious Studies 102 World Religions 3 crs.
- Religious Studies 108 Introduction to Religious Studies 3 crs.
- Religious Studies 475 Senior Capstone in Religious Studies 3 crs.

The Major(s), with Emphasis and/or Options

1. RELIGIOUS STUDIES MAJOR

Required Units (crs.): 27 minimum

Required Courses: In addition to the Core Courses:

- Two courses (6 credits) from the Traditions Category
- One course (3 credits) from the Texts Category
- One course (3 credits) from the Religion as Lived and Practiced Category
- One course (3 credits) from the Globalized Religion Category
- 12 credits of any 300-level Religious Studies course (not used in above categories)

Distribution Categories:

Traditions Category

- Religious Studies 210 Christianity 3 crs.
- Religious Studies 211 Catholicism in America 3 crs.
- Religious Studies 215 Judaism 3 crs.
- Religious Studies 221 The Hindu Tradition 3 crs.
- Religious Studies 222 Buddhism 3 crs.
- Religious Studies 240 Islam 3 crs.
- Religious Studies 285 African-American Religions 3 crs.
- Religious Studies 335 Chinese Religion 3 crs.
- Religious Studies 337 Japanese Religion 3 crs.

Texts Category

- Religious Studies 203 Hebrew Bible 3 crs.
- Religious Studies 204 New Testament 3 crs.
- Religious Studies 304 Hebrew Bible: Wisdom & Poetry 3 crs.
- Religious Studies 309 Religion and Culture of New Testament 3 crs.
- Religious Studies 312 Jesus and the Gospels 3 crs.
- Religious Studies 313 Letters to Paul 3 crs.
- Religious Studies 314 Women and the New Testament 3 crs.
- Religious Studies 315 Gendering Jewish Children's Literature 3 crs.
- Religious Studies 320 Judaism in Comic Books 3 crs.

Religion as Lived and Practiced Category

- Religious Studies 104 Religions of America 3 crs.
- Religious Studies 106 The Bible and Current Events 3 crs.

- Religious Studies 344 Zen Practice 3 crs.
- Religious Studies 345 Zen Art & Literature 3 crs.
- Religious Studies 360 Judaism Since Gender 3 crs.
- Religious Studies 361 Islamic Resurgence 3 crs.
- Religious Studies 363 Mystical & Meditative Experience 3 crs.
- Religious Studies 364 Sects and Cults in America 3 crs.
- Religious Studies 365 Religion and Children in America 3 crs.
- Religious Studies 370 Radical Religion in America 3 crs.

Globalized Religion Category

- Religious Studies 265 Women and Religion 3 crs.
- Religious Studies 334 The Holocaust and American Memory 3 crs.
- Religious Studies 338 Comparative Religious Ritual 3 crs.
- Religious Studies 362 Religion and the Environment 3 crs.
- Religious Studies 371 Global Fundamentalisms in Contemporary Perspective 3 crs.
- Religious Studies 372 Religious Radicalism and Globalization 3 crs.
- Religious Studies 380 Terrorism and Religious Violence 3 crs.
- Religious Studies 381 Terrorism and Religious Violence: Applications and Issues 3 crs.

The Minor(s)

1. RELIGIOUS STUDIES MINOR

Recommended for students who wish to select courses related to their major and/or for personal interest and development.

Required Units (crs.): 21 minimum

Required Courses:

- **Religious Studies:** Religious Studies 102, 108
- **One course from each of the four Distribution Categories**
- **Elective:** One (3 credit) Religious Studies course

Distribution Categories:

Traditions Category

- Religious Studies 210 Christianity 3 crs.
- Religious Studies 211 Catholicism in America 3 crs.
- Religious Studies 215 Judaism 3 crs.
- Religious Studies 221 The Hindu Tradition 3 crs.
- Religious Studies 222 Buddhism 3 crs.
- Religious Studies 240 Islam 3 crs.
- Religious Studies 285 African-American Religions 3 crs.
- Religious Studies 335 Chinese Religion 3 crs.
- Religious Studies 337 Japanese Religion 3 crs.

Texts Category

- Religious Studies 203 Hebrew Bible 3 crs.
- Religious Studies 204 New Testament 3 crs.

- Religious Studies 304 Hebrew Bible: Wisdom & Poetry 3 crs.
- Religious Studies 309 Religion and Culture of New Testament 3 crs.
- Religious Studies 312 Jesus and the Gospels 3 crs.
- Religious Studies 313 Letters to Paul 3 crs.
- Religious Studies 314 Women and the New Testament 3 crs.
- Religious Studies 315 Gendering Jewish Children's Literature 3 crs.
- Religious Studies 320 Judaism in Comic Books 3 crs.

Religion as Lived and Practiced Category

- Religious Studies 104 Religions of America 3 crs.
- Religious Studies 106 The Bible and Current Events 3 crs.
- Religious Studies 344 Zen Practice 3 crs.
- Religious Studies 345 Zen Art & Literature 3 crs.
- Religious Studies 360 Judaism Since Gender 3 crs.
- Religious Studies 361 Islamic Resurgence 3 crs.
- Religious Studies 363 Mystical & Meditative Experience 3 crs.
- Religious Studies 364 Sects and Cults in America 3 crs.
- Religious Studies 365 Religion and Children in America 3 crs.
- Religious Studies 370 Radical Religion in America 3 crs.

Globalized Religion Category

- Religious Studies 265 Women and Religion 3 crs.
- Religious Studies 334 The Holocaust and American Memory 3 crs.
- Religious Studies 338 Comparative Religious Ritual 3 crs.
- Religious Studies 362 Religion and the Environment 3 crs.
- Religious Studies 371 Global Fundamentalisms in Contemporary Perspective 3 crs.
- Religious Studies 372 Religious Radicalism and Globalization 3 crs.
- Religious Studies 380 Terrorism and Religious Violence 3 crs.
- Religious Studies 381 Terrorism and Religious Violence: Applications and Issues 3 crs.

Course Offerings

- **Religious Studies 102** 3 units (crs.)

World Religions (NW)

A historical survey of the basic experiential, mythical, doctrinal, ethical, ritual, and social dimensions in the world's major traditions: tribal religion, Hinduism, Buddhism, Chinese and Japanese religions, Judaism, Christianity, and Islam. Students may not receive credit both Religious Studies 102 and Religious Studies 110.

- **Religious Studies 104** 3 units (crs.)

Religions of America (HU) (ES)

This course will introduce students to the power and pervasiveness of religious expression in America. Religious expression involves the entire person, acting through all his/her senses. Consequently, the study of American religion must look for data beyond traditional religious texts and doctrines. Readings will introduce students to: 1) the formative religious meaning of

the New World and the enduring classification of land and people that such visions engendered; 2) a variety of sacred texts in American life; 3) a variety of sacred rituals in American life; 4) social and personal pilgrimage; 5) the construction of sacred environments; and 6) sacred sounds.

- **Religious Studies 105** 3 units (crs.)

Honors: Religions of America (HU) (ES)

Covers the same subject matter as Religious Studies 104. Prerequisite: University Honors student.

- **Religious Studies 106** 3 units (crs.)

The Bible and Current Events (HU)

This course introduces the Bible and biblical interpretation by focusing on the role of the Bible in shaping culture and public discourse on key issues in public and foreign policy, general interest, and popular culture, such as church/state relations, abortion, domestic violence, 'family values', welfare reform, same-sex marriage, and recent conflicts in the Middle East.

- **Religious Studies 108** 3 units (crs.)

Introduction to Religious Studies

What is religion? Who does religion, and how does it happen? How do we study religion across history and in the modern world, and how have other scholars of religion studied this phenomenon? This course introduces students to the field of Religious Studies as it has been practiced historically and as it is practiced today, with a particular focus on the study of religion in the modern world. By critically reading excerpts from classic theorists of religion alongside recent case studies, students in the course will learn about a wide variety of methodologies in the study of religion. By engaging students in some of the major issues in the field today, this course will prepare them for upper-division courses in the major. Students are strongly encouraged to take this course early in their major (during the first two years) before taking upper division courses.

- **Religious Studies 110** 3 units (crs.)

Honors: World Religions (NW)

Similar in content to Religious Studies 102, with an emphasis on class participation and the addition of a term paper. Prerequisites: Enrolled in good standing with the UW Oshkosh Honors program with prior or concurrent enrollment in HNRS 175. Students may not receive credit for both Religious Studies 102 and Religious Studies 110.

- **Religious Studies 162** 3 units (crs.)

Religion and Nature (HU)

Examines competing environmental ethics, and the ensuing social conflicts, which result from diverse views about what constitutes proper moral relationships with and obligations toward the natural world.

- **Religious Studies 202** 3 units (crs.)

Honors: The Old Testament (NW)

A literary and historical introduction to the Old Testament and its religious and cultural background, with emphasis on the period up to the Exile in Babylon. Prerequisite: University Honors student. Students cannot earn credit in both an honors course and a non-honors course of the same title.

- **Religious Studies 203** 3 units (crs.)

Hebrew Bible (NW)

A literary and historical introduction to the collection of texts sacred to both Jews and Christians (known to Christians as the "Old Testament") with emphasis on the period up to the Exile in Babylon.

- **Religious Studies 204** 3 units (crs.)
New Testament (HU)

A literary and historical introduction to the New Testament in its religious, social and cultural context with emphasis on the Gospels, the Acts of the Apostles, and the Pauline Epistles.

- **Religious Studies 210** 3 units (crs.)
Christianity (HU)

The principal forms and traditions of Christianity from the first century to the present with emphasis on essentials of Christian thought.

- **Religious Studies 211** 3 units (crs.)
Catholicism in America

This class explores lived Catholicism through memoirs, music, film, ethnography, as well as, papal documents. Together we will explore Roman Catholic and Independent Catholic congregations, and how Catholicism is expressed in many ethnic communities in the U.S.

- **Religious Studies 215** 3 units (crs.)
Judaism (ES)

This course is both a survey of Jewish history and an introduction to Jewish life as it is practiced in the modern world. It takes its lead from twentieth-century Jewish studies scholar Mordecai Kaplan, who characterized Judaism as an evolving "religious civilization." We will study "Judaism," in all of its pluralities, from a variety of perspectives, including historical, philosophical, aesthetic, anthropological, and literary approaches.

- **Religious Studies 221** 3 units (crs.)
The Hindu Tradition (NW)

Historical and religious study of Hinduism in its unity and diversity as world view, world faith, and world influence. The course aims at a systematic understanding of Hindu origins, values, and practices as revealed in texts in translation, artistic expression, and modern transformative movements in and beyond India.

- **Religious Studies 222** 3 units (crs.)
Buddhism (NW)

An introduction to how Buddhists throughout the Buddhist tradition in India, Southeast Asia, Tibet and Central Asia, China, Korea, Japan, and the West understand the world, experience their religion, and apply it to society and culture.

- **Religious Studies 240** 3 units (crs.)
Islam (NW)

The religion of Mohammed and his followers from the Arabian beginnings through the rise and development of Islam as a great international faith and cultural system. Includes Islamic responses to modernization and the West.

- **Religious Studies 265** 3 units (crs.)
Women and Religion (NW) (ES) (HU)

Explores the role of women and the feminine in the religions of the world. Using sacred textual traditions as a base, we will examine the place of women and the feminine in 1) mythology, 2) social and family relations, and 3) religious ritual and organization, including monasticism. Attention will also be given to the significance of the gendered nature of deity for women's

spirituality and experience in the world's religions. Cross-listed: Religious Studies 265/Women's Studies 265. Students may receive credit for only one of the two cross-listed courses.

- **Religious Studies 285** 3 units (crs.)

Afro-American Religious Experience (ES)

An examination of ideas, forms, and expressions of religious experience in the life of the Afro-Americans against the background of their own ethno-cultural heritage (Africa) and in relation to the larger and more diverse American religious heritage. Includes analyses of the thought of preeminent Afro-American religious leaders. Christian and non-Christian, the role of the Black church as a fomenting and transformative force for cultural change, and the possible future of 'Black Religion' in the new millennium.

- **Religious Studies 304** 3 units (crs.)

Hebrew Bible: Wisdom & Poetry

Selections from the Psalms, Job, Proverbs, and the Festival Scrolls: Ruth, Song of Songs, Ecclesiastes, Lamentations, Esther. Prerequisite: Religious Studies 203.

- **Religious Studies 309** 3 units (crs.)

Religion and Culture of New Testament

An examination of Jewish and Hellenistic sources related to the New Testament, including the Dead Sea Scrolls and the Apocrypha, as well as sources for ancient Mystery Religions and Gnosticism. Prerequisite: Religious Studies 204 or 210.

- **Religious Studies 312** 3 units (crs.)

Jesus and the Gospels

A course on the four gospels, Matthew, Mark, Luke, and John and the quest for the historical Jesus. Course includes class held "Jesus Seminar" and attention to non-canonical gospels like the "Gnostic Gospels." Prerequisites: Religious Studies 204, New Testament.

- **Religious Studies 313** 3 units (crs.)

Letters of Paul

An over view of the authentic letters of Paul, including Romans, Galatians, 1Thessalonians, 1st and 2Corinthians, Philippians and Philemon, with special attention to 1Corinthians and Romans. Attention will also be given to 1st and 2Timothy and Titus. Prerequisites: Religious Studies 204, New Testament.

- **Religious Studies 314** 3 units (crs.)

Women and the New Testament

An introduction to the roles of women required in both the New Testament and other non-canonical texts. Class will be taught from a feminist perspective. Prerequisites: Religious Studies 204, New Testament.

- **Religious Studies 317** 3 units (crs.)

Gendering Jewish Children Literature

Religion. Race. Class. Gender. All of these variables of identity intersect in the memorable and complex representations of Jewish life found in children's and young adult literature. In this class, we will consider Jewish children's literature-both books by Jews and books about Judaism from a gender perspective. How does Jewish children's literature contribute to the construction and representation of gender roles of families in America? We will study all of these questions (and more). Cross-listed: Religious Studies 317/Women's Studies 317. Students may receive credit for only one of the two cross-listed courses

- **Religious Studies 320** 3 units (crs.)

Judaism and Comic Books

Is "The thing" Jewish? What does Magneto have to do with Judaism? What do Jews have to do with the comic books in America? Quite a lot, as it turns out. In this course, we will examine three related phenomena: 1) Jewish involvement in the creation of mainstream comic books (DC, Marvel, etc.) in the mid-twentieth century, 2) Graphic novels by Jewish authors (i.e., Art Spiegelman), 3) Themes relating to Judaism and Jewish history in comic books and graphic novels, (i.e., the relevance of the Holocaust for understanding X-men). We will use the cultural exhibit of the comic book as an entrance into the complex issues of identity, religion, and politics that comprise the diverse world of modern Judaism. Not only the worlds within the pages of the comic books themselves, but also American reactions to the culture of comic books constitute an integral part of the history of Judaism, particularly in America.

- **Religious Studies 334** 3 units (crs.)

Holocaust and American Memory

This course will examine representation of the Holocaust in American Culture from Post-war survivor memory to the creation of the United States Holocaust Memorial Museum. Some attention will be paid to Holocaust memory in Europe and Israel.

- **Religious Studies 335** 3 units (crs.)

Chinese Religion (NW)

An introduction to Chinese religions and culture as the medium for the development of religion, including archaic shamanism, ancestor cult, language, change, the Tao, Confucianism and Taoism, Buddhism, syncretism. Prerequisite: Religious Studies 102, 222 or consent of instructor.

- **Religious Studies 337** 3 units (crs.)

Japanese Religion (NW)

A general survey of Japanese religion and its relationship to culture, including archaic tribal religions, importation of Buddhism, Confucianism and Taoism, medieval Buddhism and New-Confucianism, role of religions during Japanese modernization, militarism, post-war era, and post-modern Japan. Prerequisite: Religious Studies 102, 222 or consent of instructor.

- **Religious Studies 338** 3 units (crs.)

Comparative Religious Ritual

This course will focus on the rituals performed within religious communities around the world. Rather than looking at religion as a set of beliefs, doctrines, or morals that must have an agreed-upon meaning, this course will observe both ritual actions and variety of meanings (or sometimes the lack of any meaning) that scholars and practitioners attach to these actions. Readings for this course will include essays on ritual theory, ethnographies of performed rituals, and novels that creatively construct social meanings for fictional rituals.

- **Religious Studies 344** 3 units (crs.)

Zen Buddhist Practice

Examines individual and communal religious practice toward the experience of realization (Japanese: satori) in the Chinese, Korean, Japanese, and American Zen Buddhist traditions. Prerequisite: Religious Studies 102 or consent of instructor.

- **Religious Studies 345** 3 units (crs.)

Zen Buddhist Art and Literature

Examines how the Zen schools of Buddhism have used secular literary and artistic forms to teach and to understand the experience of Zen realization (Japanese: satori) and some of the influences these have had on Japanese culture. Prerequisite: Religious Studies 102 or consent of instructor.

- **Religious Studies 360** 3 units (crs.)

Judaism Since Gender

How have Jewish women, men, and individuals of other sexes lived with Judaism "since gender?" In this course, we will examine the intersection of Judaism and gender among various Jewish communities from the ancient world to the present, with a particular focus on contemporary America. We will consider how the "afterlives" of biblical figures continue to influence modern gender roles; the different and complex ways that bodies have figured in Jewish culture; how Jews are gendered in popular culture portrayals; and some of the changes, renewals, and continuities in Jewish practice and theology that have occurred since the rise of feminist movements. Cross-listed: Religious Studies 360/Women's Studies 360. Students may receive credit for only one of the two cross-listed courses.

- **Religious Studies 361** 3 units (crs.)

Islamic Resurgence

Islamic Resurgence focuses on the two most important currents in religious discourse/political action in the Islamic world in the 20th and 21st centuries: that which has taken place between Islamic "modernist" and "Islamists" (a.k.a., "fundamentalists", neo-Kharajites", "Tawhidiests", "jihadists" and several dozen other terms, most of which you will hear during the course of this seminar). Course readings are designed to add depth and historical breadth to the knowledge you bring to the course from previous course work in Religious studies 240, Islam. Prerequisites: Religious Studies 240, Islam.

- **Religious Studies 362** 3 units (crs.)

Religion and the Environment

Examines human attitudes and behaviors toward the natural world, focusing on the historical evolution of religious environmental ethics in diverse cultures and traditions. Analyzes how religion serves as a resource for many contemporary environmental movements and yields varying public policy prescriptions. Provides an opportunity for a critical appraisal of competing religious environmental ethics. Prerequisite: Religious Studies 107, 162 or Environmental Studies 162.

- **Religious Studies 363** 3 units (crs.)

Meditative and Mystical Experience

This course is an examination of shamanic spirit possession in indigenous religions, meditative practices in Eastern religions, and mysticism in Middle Eastern traditions, and the major traditional and recent methods of study. Prerequisites: Religious Studies 102, World Religions.

- **Religious Studies 364** 3 units (crs.)

Cults and Sects in America

This course is an introduction to new religious movements in the United States- those groups frequently referred to as "sects," "cults," and "fringe religions." We will be paying special attention to how these groups are portrayed in the various forms of media. We will read some secondary materials as well as various primary sources written by the founders and/or followers of a variety of nineteenth and twentieth century new religious movements including: Scientology, Latter-day Saints, Wicca, Nation of Islam, Jonestown, and the Branch Davidians.

- **Religious Studies 365** 3 units (crs.)

Religion and Children in America

This course seeks to examine what happens to the contours of American religious history if we add age as an interpretive category. With little scholarship on children themselves, much of what we study will come from the viewpoint of adults through psychological models for children's

religious development and memoirs. As we critically examine these existing works, class discussions will help us to explore how this shift might affect our understanding of American religious history.

- **Religious Studies 370** 3 units (crs.)

Radical Religion in America

Radical Religion in America offers both countercultural critique of mainstream American religiosity, and in an examination of the ways in mainstream society views the American religious "fringe." The course is divided into four components. First, an examination of Cultic Milieu Theory; second, an examination of selected 'neighborhoods' in the American cultic milieu. This brief tour will include, among others, the radical right, the diverse community of Christian and Jewish dissident communities, including the anti-abortion rescue movement, and the world of new religious movements; third is the part of the class which might be called 'ties that binds' the cultic milieu together. These are ideas which are exchanged within the cultic milieu, and which then travel from the cultic milieu to the mainstream culture. How these ideas are considered, adopted, or rejected by the mainstream society, and then eventually find their way back into the cultic milieu is the focus of this part of the course. The fourth part of the course focuses on the community of 'watchdogs'; public and private organizations whose self appointed task it has been to keep a watch on the denizens of the cultic milieu and to warn society of the threats which it may pose to the moral health, public safety, or the very survival, of the American project.

- **Religious Studies 371** 3 units (crs.)

Global Fundamentalism in Contemporary Perspective

Global Fundamentalism's in Contemporary Perspective begins with the wave of "fundamentalist" resurgences that came to public knowledge in 1979. The course follows the fortunes of the various "fundamentalist" communities in the US, the Middle East and in South Asia from the 1970s to the present day. The course seeks to build on the work of the Fundamentalism Project of the American Academy of Arts and Sciences that was centered at the University of Chicago from 1989-1994. The mission of the Fundamentalism Project was two-fold. First, to determine whether "family resemblances" exist between the forms of activism arising within very different religious traditions so as to justify the application of a blanket term such as "fundamentalism. Second, if such family resemblances could be found, the Project was designed to describe this global model and to consider both its underlying causes and the public policy implications of the fundamentalist phenomenon.

- **Religious Studies 372** 3 units (crs.)

Religious Radicalism and Globalization

Religious Radicalism and Globalization will examine theoretical and methodological approaches through which to begin to understand the new world which is unfolding from the perspective of those who most oppose the emerging global order. The seminar will begin with cultic milieu theory, which focuses on the underground-oppositional forces through whose eyes the seminar will try to see the new world. Then to globalization theory; in terms of both political economy and of mainstream religion. Finally, the small body of theory which presently exists, focusing on the globalization of oppositional milieus, will be examined. The course will then move on to case studies grouped into four major categories: 1) Religious Revitalization/'Remagicalization' Movements; 2) New religious Movements; 3) Global youth subcultures; and 4) Globalization and Violence. Prerequisite: None.

- **Religious Studies 380** 3 units (crs.)

Terrorism and Religious Violence

Terrorism and Religious Violence is designed to provide students with a thorough theoretical grounding in the study of religiously motivated terrorism. The course is composed of modules, each with its own set of readings and audio-visual materials. These include: Terrorism Defined and Differentiated; History of Religious Terrorism; Terrorist Texts; Terrorist Biography and Memoirs; The Tactical Evolution of Terrorism; and Strategic Outlooks and Counterterrorism.

- **Religious Studies 381** 3 units (crs.)

Terrorism and Religious Violence: Applications and Issues

Terrorism and Religious Violence: Applications and Issues builds on the foundation of Religious Studies 380 Terrorism and Religious Violence by focusing on specific contemporary issues arising from the ongoing War on Terrorism in the United States and the challenges to state structures posed by terrorism globally. The reading list will be composed of recent texts in the field as written by scholars, practitioners and military leaders. A prominent feature of the course will be media-films, internet materials and key websites-as well as guest speakers who will share their experiences and expertise with students. There are no prerequisites for this course; although Religious Studies 380 is strongly recommended.

- **Religious Studies 395** 1-3 units (crs.)

Special Topics

A course on a topic not normally covered in the curriculum. Each time it is offered, the topic will be announced in the time schedule. May be repeated with different content.

- **Religious Studies 399** 1-3 units (crs.)

Study Tour

A combination of background reading, travel, and field lectures. Students will keep a journal and write a comprehensive paper. May be repeated with different content. For details, inquire at the Department Office.

- **Religious Studies 446** 1-3 units (crs.)

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Religious Studies 456** 1-3 units (crs.)

Related Readings

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Religious Studies 474** 1-6 units (crs.)

Honors: Thesis

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals attached to Independent Study contract must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Maximum of 6 units (crs.). Prerequisite: University Honors status and junior standing.

- **Religious Studies 475** 3 units (crs.)

Religious Studies Capstone Course

The Religious Studies Capstone Course is designed to allow students to apply the knowledge they have gained in their course of study by creating a religious field survey of the religious

communities resident in the Fox Valley. This will require intensive field work, including interviews and the creations of survey instruments, as well as the gathering and analysis of artifacts such as creedal statements, publications, tracts, recordings and video materials, and the like. This data will become the basis of an outgoing database which will be utilized, and built upon, by future Capstone seminars. The various media gathered in the course of the study will be housed at the university. Prerequisite: Relstds 102, Relstds 108, and 18 additional credits of Religious Studies courses.

- **Religious Studies 498** 3 units (crs.)

Honors: Seminar Religious Studies

Presentation and discussion, by faculty and advanced University Scholars, of an area of current interest in religion related to recent developments or debates in such areas of science, medicine, law, politics or others. Individual and collaborative case studies and term projects. Prerequisite: 60 units (crs.), including at least 6 units (crs.) of Honors completed. (May be repeated for credit with different content.)

- **Religious Studies 499** 3 units (crs.)

Seminar in Religion

Presentation and discussion, by faculty and advanced students, of recent publications and other developments in various areas of the study of religion. May be repeated for credit. Prerequisite: 60 college units (crs.), including 15 units (crs.) in Religious Studies.

Social Justice

Information

Liz Cannon , Director
Department Office: Sage Hall 3455
Department Telephone: 920-424-3462

Faculty

- Faculty come from the following participating departments: African American Studies, Anthropology, Communication, Criminal Justice, Economics, Elementary/Secondary Education, English, Environmental Studies, Health Education, History, Human Services, International Studies, Philosophy, Political Science, Psychology, Religious Studies, Social Work, Sociology, Women's Studies.

Degrees

- **Undergraduate:** In combination with a major, the Social Justice minor can lead to a baccalaureate degree.
- **Graduate:** None

Summary of Fields of Study

1. **THE GOAL(S)**
 - Recommended for students wishing to engage in the critical examination of social justice in theory and practice, to understand principles of effective social activism, and to evaluate and formulate policies in areas such as racism, violence, literacy, human rights, gender equity, hunger, poverty, and social and environmental sustainability.
2. **THE MAJOR(S)**
 - None
3. **THE MINOR(S)**
 - The program offers one minor(s): Social Justice.

Admission/Graduation Requirements

- To be eligible for graduation, students must meet all requirement for the degree being sought in addition to earning a minimum grade point average of 2.00 in all courses required for the Social Justice minor. Refer to the following for complete requirements.

Required Core Courses

- See minor below.

The Major(s), with Emphasis and/or Options

None

The Minor(s)

1. The Social Justice minor offers students two avenues to pursue their interest in social justice. First, students may choose one of the following prepared emphases of courses: 1) Prejudice and Discrimination, 2) Poverty, 3) Environment and Social Justice, 4) Human Rights, 5) Social Activism. Second, students have the opportunity to construct, with the advice of the Social Justice Director and approval of the Social Justice Steering Committee, a program of study that addresses the specific aspects of social justice that concern them the most, such as "Women, Children, and Poverty," "Human Rights and the Law," or "The International Politics of Environmentalism." The minor provides a solid foundation for citizen activists in any career, as well as those seeking professional work in any aspect of public service.
 - **Required Units (crs.):** 21 minimum
 - **Required Courses: 6 credits**
 - Social Justice 101, Introduction to Social Justice (3 cr.).
 - A capstone course (3 credits) chosen from a variety of appropriate upper division action research, service learning, honors thesis, and seminar courses. Examples include Social Justice 366, 399, 446, Service Learning Independent Study (Interdisciplinary 366 or 367); Independent Study (Interdisciplinary 446); or their disciplinary counterparts.
 - **Electives: 15 credits**
 - Students will develop individualized plans of study in conjunction with two faculty advisors. Approved courses are listed on the web site. It is intended that students will take courses from at least two categories to complete the minor. The categories are: 1) Political Economy, 2) Ethical and Cultural Foundations, 3) Social Problems and Policies, 4) Capstone.
 - Students can also meet the requirements for the minor by choosing one of the 5 pre-approved sequences (see above) and completing the course work for the sequence.

- **Comments:**

Students must earn at least a minimum grade of C in each course included in the minor. At least 12 credits in the Social Justice minor must be upper division (numbered 300 or above). Courses in the Social Justice minor may also be used to satisfy General Education requirements (no limit to the number of credits) or the requirements of other departmental majors and minors (up to a maximum of 9 credits). A maximum of 6 credits (including the capstone course) from the Practical Applications category may be applied to the minor. For a list of approved Social Justice courses, please see the Social Justice web site at: www.uwosh.edu/social_justice

Course Offerings

- **Social Justice 101** *3 units (crs.)*

Introduction to Social Justice

This is an introductory course focused on social justice, designed to provide an understanding of contemporary issues related to social justice and in identifying and assessing relevant social, economic and behavioral factors which impact people experiencing injustice and oppression. Topics including race, gender, class, disability, gender orientation and environmental injustice, (historic and current) will be explored. Corrective measures which have been used as well as potential corrective measures, will also be explored.

- **Social Justice 332** *3 units (crs.)*

Violence: An Examination of the Institutional Foundations

In the United States predominant theories of violence focus on individualistic explanations as the root cause of violence while ignoring the broader and deeper role of social institutions in establishing and perpetuating policies and beliefs in utilizing violence to resolve political, social, and personal conflicts. Course will emphasize how societies can construct and apply less than human identities to individuals, racial or ethnic groups, or other nation states which then allow us to utilize forms of violence against them as "others". Course will include historical and theoretical reviews of slavery, slave law, lynching, death penalty, genocide's, economic violence, environmental violence and gendered violence, all of which disproportionately impact minority populations. Cross-listed Criminal Justice 332/Social Justice 332. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Criminal Justice 110, or Criminal Justice 103 or consent of instructor.

- **Social Justice 333** *3 units (crs.)*

Illegal Bias in the Criminal Justice System (SS)

An examination of the extent of illegal biases in criminal justice practice. Students will be guided to confront their and others' attitudes shaped by racial, sexual, and sexual orientation biases. The primary goal is to teach a method of open discourse to negotiate these conflicts in an evolving culture. Cross-listed Criminal Justice 333/Social Justice 333. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors) or consent of instructor.

- **Social Justice 353** *3 units (crs.)*

Convict Criminology

Convict Criminology explores a new way of thinking about crime and corrections. This course examines the emerging field of convict criminology that consists primarily of essays and empirical research conducted and written by convicts, or ex-convicts, on their way to completing or already in possession of a Ph.D., or by enlightened academics who critique existing literature, policies, and practices, thus contributing to a new perspective in criminology, criminal justice, corrections, and community corrections. Cross-listed Criminal Justice 353/Social Justice 353. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Criminal Justice 103 (Intro to Criminal Justice) or Criminal Justice 110 (Intro to Criminal Justice for Majors).

- **Social Justice 366** *1-3 units (crs.)*

Service Learning Field Study

In this course, students will apply their Social Justice education in service activities in the community related to social justice issues, under the supervision of an individual at the site and a member of the faculty/academic staff. Students will volunteer for a certain number of hours per week depending upon the number of credits they will receive. Students will also write reflective papers that connect their service experiences with relevant readings. Prerequisites: Instructor permission (Note: The general prerequisites for Independent Study/Related Readings are waived for this course).

- **Social Justice 399** *3 units (crs.)*

Special Topics in Off-Campus Study (OC)

In this course, students will learn what social justice issues are prevalent in another country or region of the United States and what actions are being taken to address them. The off-campus experience will be lead by a Social Justice faculty/academic staff member, looking at such issues as poverty, human rights, prejudice and discrimination, and gender activism. Students will interact with community members and be immersed in the culture of that country or region. Student will also write reflective papers that connect their experiences with relevant readings. Prerequisite: Instructor permission.

- **Social Justice 446** *1-3 units (crs.)*

Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

Social Work

Information

Quintin Sullivan, Chairperson
Department Office: Swart 230
Department Telephone: 920-424-1419
Code 93 or SOC WORK

Faculty

- Altepeter, Bates, Brown, Bruno, Giesler, Hand, Hansen, Sullivan, Williams

Degrees

- **Undergraduate:** The social work course of study will lead to the Bachelor of Social Work degree.
- **Graduate:** The Department offers a Master's Degree in Social Work in collaboration with UW Green Bay.

Summary of Fields of Study

1. **THE GOAL(S)**
 - The goals of the undergraduate Social Work Program are to: 1) Prepare students for entry-level employment in generalist social work practice positions, 2) Prepare students for entry into graduate school and stimulate engagement in regional professional development activities, 3) Encourage active community participation in the promotion of social justice, 4) Encourage active leadership in the profession and sustained commitment to the advancement of social work education.
2. **THE MAJOR(S)**
 - The Department offers a baccalaureate of Social Work degree (Bachelor of Social Work), which is accredited by the Council on Social Work Education and prepares students for beginning level social work practice.
3. **THE MINOR(S)**
 - None

Admission/Graduation Requirements

- To be eligible for admission to the Bachelor of Social Work degree, students must meet four essential requirements:
 - Completion of 40 units (crs.) of the designated General Education and other liberal arts requirements for the social work degree plus completion of the 9 units (crs.) in social work courses: Social Work 167, 220, and 298, for a combined total of 49 units (crs.). Only the Advanced Composition course (3 cr.) and 9 units (crs.) in Humanities courses may be taken subsequent to admission, if necessary. The student must prepare a plan for completion of the remaining units (crs.) needed for graduation, including electives.
 - Achievement of a 2.5 cumulative grade point average based on 40 units (crs.) earned in the required General Education and other liberal arts requirements for the social work major; minimum grades of “C” are required in Social Work 167, 220, and 298 and a minimum GPA of 2.75 in these courses; along with a positive recommendation by faculty in these courses concerning possession of professional competencies. The Admissions Committee will make exceptions to these standards, only upon submission of evidence by the applicant, which offers a convincing record of merit for reconsideration.
 - Documentation of professional commitment and volunteer participation.
 - Understanding and acceptance of ethical standards and demonstration of ethical conduct expected of social work professionals as stipulated by the NASW Code of Ethics.
 - To be eligible for graduation with a Bachelor of Social Work degree, students must fulfill four additional expectations:
 - Meet remaining course requirements. *
 - Maintain a 2.75 cumulative GPA in social work courses, with grades of “C” or better. The 2.75 GPA is to be calculated using all department courses.
 - Be admitted to the Applied Generalist Practicum.
 - Successfully complete the Applied Generalist Practicum.
- *Transfer students please note that this may require a completion time beyond four years.

Required Core Courses

- See section following for courses required.

The Major(s), with Emphasis and/or Options

- Recommended for students who wish to qualify for state certification as a beginning level social worker or for entry into graduate schools of social work with advanced standing.
 - **Required Units (crs.):** 82 minimum
 - **Required Social Work Courses:**
 - **Social Work:** Social Work 105, 167, 220, 298, 340, 368, 376, 377, 378, 379, 395, 401, 410, 451, 468.

- **Additional Required Courses:**
 - **Non-Western Culture:** Minimum University requirement
 - **Biology:** Biology and Microbiology 104, 105 or 108
 - **Communication:** Communication 111 or 112
 - **Economics:** Economics 106, 204 or 209
 - **English:** Completion of General Education Composition requirement
 - **Political Science:** Political Science 105 or 106
 - **Psychology:** Psychology 101 or 104
 - **Sociology:** Sociology 101 or 103
 - **Mathematics:** Minimum University requirement
 - **History:** History 202 or 203
 - **Statistics:** Mathematics 107, 201 or 301 or Psychology 203 or Sociology 281
- **Electives:**

Elective units (crs.) may be partially met by taking social work elective courses or by completing a minor in another discipline.

 - **Interdisciplinary Studies:** Interdisciplinary Studies 265, 425, 426, 460.
 - **Social Work:** Social Work 110, 333, 371, 375, 443, 446, 456, 481.

For description of those electives, which are Interdisciplinary Studies courses, see Interdisciplinary Studies. Please contact the Department of Social Work for information concerning elective offerings.

The Minor(s)

- None

Course Offerings

- **Social Work 105** 3 units (crs.)
Social Work Ethics in a Diverse Society

Introduces the student to the framework of ethics in a diverse society for generalist practice, focusing in particular on women's issues. To clarify ethical issues, social workers will need to use ethical concepts paired with social work knowledge, skills and values, when dealing with populations at risk. This course presents the student with basic philosophical theories and moral and ethical decision making models to prepare the student to fully understand the logic systems of the client as well as one's own values and behaviors. Cross-listed: Social Work 105/Women's Studies 105. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Open only to Social Work majors or Women's Studies majors/minors, or by consent of instructor.

- **Social Work 110** 1 unit (cr.)
Introduction to Community Social Welfare Resources (SS)

Acquaints students with community agencies providing social welfare services. Focus on the professional social worker's activities. Designed for students considering a social work major and those seeking knowledge of community resources.

- **Social Work 167** 3 units (crs.)

Introduction to Social Work (ES) (SS)

General survey course with an introduction to history, knowledge, values, and skills of the profession. Designed for social work majors, people working in related fields, and students undecided about a major. Informed sensitivity to all aspects of human diversity is emphasized, along with the importance of social work's responsibility to act as advocates on behalf of those who suffer discrimination, devaluing and oppression.

- **Social Work 220** 3 units (crs.)

Family Life Cycle Transitions (SS)

Examination of theories and models of human development depicting the dynamics of family life, with special emphasis on the family life cycle. Incorporates a generalist approach to understanding the diverse nature of family structures, how families and family members adjust to and confront change, and how the family matriculates through personal and family traumas and dilemmas related to childhood, adolescence, employment, marriage, parenthood, aging and retirement. Attention also given to impact of cultural diversity on societal/family/environment interactions. Prerequisite: Declared Social Work major and Social Work 167.

- **Social Work 298** 3 units (crs.)

Interpersonal Skills in Social Work (SS)

Introduction to theoretical models relating to basic interpersonal helping skills and the opportunity to practice and refine these skills, including self awareness, effective communication, assertive behavior, and skills for effective teamwork in organizational environments as well as for working with individuals and families. Attention to multi-cultural aspects of human relations skills as well as opportunities for role play and practice of effective problem solving. Prerequisite: Declared Social Work major and Social Work 167.

- **Social Work 333** 3 units (crs.)

Poverty (SS)

Examines the cultural and structural aspects of poverty and their impact on populations-at risk. Explores the particularly damaging effects of poverty on women, children, and persons of color. Encourages exploration of societal and social welfare policies and practices which contribute to or reinforce impoverishment. Also encourages exploration of the need for practitioners to become more aware of and sensitive to the effects of poverty on human behavior and to examine how professionals in social welfare organizations relate to impoverished and oppressed persons.

- **Social Work 340** 3 units (crs.)

Research in Social Services (SS)

Examines research methodology and the application of scientific process to generalist social work practice. Includes the development of an understanding of qualitative and quantitative methods; the appropriate use of deductive and inductive processes in theory testing, program evaluation, and knowledge-building; and the application of critical thinking skills to the design, conduct, and analysis of social research. Attention also is given to how knowledge-building can enhance the equitable distribution of resources, access to services and opportunities, and furtherance of social justice. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 368, 378 and 379. Prerequisites: Social Work 376, 377 and 395.

- **Social Work 368** 3 units (crs.)

Social Welfare Institutions (SS)

Study of factors which have historically shaped the development of social welfare with the goal of understanding its impact on populations-at-risk and how it is influenced by the dynamics and consequences of social and economic injustice, including all forms of human oppression and discrimination. It includes a critical approach for examining the social work profession's role as a humanizing and consciousness-raising force in affecting change. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 340, 378 and 379. Prerequisites: Social Work 376, 377 and 395.

- **Social Work 371** 3 units (crs.)

Child and Family Welfare (SS)

Examines the historical trends in services to children and their families within the framework of supportive, supplemental, and substitute services which have evolved over time as part of the service structure in child welfare. While recognizing the impact of impoverishment, changing family structures, and other aspects of pressures on contemporary parenting, attention is given to resiliency forces and practitioner approaches which encourage parenting strengths and home-based intervention options as preventive strategies in child welfare services.

- **Social Work 375** 3 units (crs.)

Treatment and Mistreatment of Offenders (SS)

Examines the application of generalist social work practice within the criminal justice system focusing on the change agent role in working with juvenile and adult offenders in both community-based corrections and institutional settings. Prepares social workers for an understanding of correctional models and their inherent values, bio-psycho-social theories of crime causation and develops assessment and intervention skills within a generalist framework.

- **Social Work 376** 3 units (crs.)

Generalist Practice I (SS)

Introduces a theoretical framework for generalist practice, using differential professional strategies and roles to effect change and in a manner which promotes strengths, empowerment, and socially just solutions for individual clients. Focus on values, knowledge and skill application to assessment, intervention, and evaluation processes in micro-level practice. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 377 and 395. Prerequisites: Social Work 167, 220 and 298.

- **Social Work 377** 3 units (crs.)

Generalist Practice I Interviewing Lab (SS)

Generalist focused interviewing skills laboratory for use in micro, mezzo, and macro systems. To be taken concurrently with the Practice I and Human Behavior in the Social Environment courses. Offers intensive development of active listening and interviewing skills in conjunction with the application of theoretical content for assessment, intervention, and evaluation activities in practice. Prerequisite: Admission to the BSW Degree. Concurrent enrollment: Social Work 376 and 395. Prerequisites: Social Work 167, 220 and 298.

- **Social Work 378** 3 units (crs.)

Generalist Practice II (SS)

Continues the use of the generalist theoretical framework used in Generalist Practice I to its use in macro-level assessment, intervention and evaluation. The emphasis is on examination and use of theoretical perspectives, application of ethical standards, and employment of social worker values, practice skills and knowledge within community systems. Taken in conjunction with

Generalist Practice Community Lab, the course applies problem solving methods to identify and alleviate community problems. Concurrent Enrollment: Social Work 340, 378, 379.

Prerequisites: Admission to the BSW Degree, Social Work 376, 377, 395.

- **Social Work 379** 3 units (crs.)

Generalist Practice II Community Lab (SS)

Designed to be taken concurrently with Generalist Practice II, Research in Social Services, and Social Welfare Institutions courses. Guided by the Department's vision statement, intensive hands-on participation and skill development for community and organizational practice activities is offered within a practice framework of community development, social planning, social advocacy and social action. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 340, 368 and 378. Prerequisites: Social Work 376, 377 and 395.

- **Social Work 395** 3 units (crs.)

Human Behavior in the Social Environment (SS)

Integration of theories and models examining the complexity of person/environment functioning with respect to individuals, families, small groups, large organizations, and communities. An ecological model will be used within a generalist practice framework to examine biological, cultural diversity, psychological, and social determinants of human choices. This theory will be used to prepare the social worker for multi-level assessment of person/environment/interactions. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 376 and 377. Prerequisites: Social Work 167, 220 and 298.

- **Social Work 401** 6 units (crs.)

Applied Generalist Practice I (SS)

The field practicum component, including 210 hours of educationally supervised generalist practice experience in a social service agency and weekly 2-hour integrative seminar. Involves the application of social work knowledge, values and skills to social work practice with individuals, families, groups, organizations and communities, using appropriate theoretical frameworks and differential professional strategies of change. Prerequisite: Successful completion of Field Admission Process. Concurrent enrollment: Social Work 410. Prerequisites: Social Work 340, 368, 378 and 379. Pass/Fail

- **Social Work 410** 3 units (crs.)

Generalist Practice with Groups (SS)

Examines theories of group behavior and their application within a generalist practice framework with families and people in small groups. Emphasis on understanding group dynamics, phases of group development, group process and behavior, and skill development for working with various types of groups. Prerequisite: Admission to BSW Degree. Concurrent enrollment: Social Work 401. Prerequisites: Social Work 340, 368, 378 and 379.

- **Social Work 443** 3 units (crs.)

Family Practice in Systems Perspective (SS)

Application of family theory and current research findings to social work practice within families. Topics to include role theory, communications theory, and major systems-oriented theories and techniques of family counseling and intervention. The family as a small problem-solving group. Prerequisite: Social Work 220 or consent of instructor.

- **Social Work 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Social Work 451** 6 units (crs.)

Applied Generalist Practice II (SS)

Building on the competencies acquired in Social Work 401, this second term generalist practice experience includes 210 hours of supervised practice in a social work agency and weekly 2-hour integrative seminar. Focuses on continuing enhancement of theory-guided generalist practice with all systems sizes, effective identification and resolution of ethical dilemmas, and increased autonomy of functioning. Prerequisite: Successfully meet continuation requirements. Concurrent enrollment: Social Work 468. Prerequisites: Social Work 401 and 410. Pass/Fail

- **Social Work 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Social Work 468** 3 units (crs.)

Social Welfare Policy (SS)

Examination of social welfare policy development, implementation, replacement, or modification and the social worker's role in these processes. Policy analysis is framed within the profession's ethical principles governing social justice with regard to issues of poverty, unemployment, discrimination and other issues of concern to the profession. Policy is viewed within the context of generalist practice and the social worker's role as policy advocate at all levels in our society. Prerequisite: Concurrent enrollment in Social Work 451. Prerequisites: Social Work 401 and 410.

- **Social Work 481** 1-3 units (crs.)

Special Topics in Social Work (SS)

Advanced course to investigate current and future issues in human services delivery systems with emphasis upon selective alternatives in social services. Participants will be provided with an in-depth opportunity to participate in seminars and/or field practice experiences which introduce career-oriented social work students and practicing professionals to innovative social services alternatives. May be repeated with other content for credit. Prerequisite: Consent of instructor.

Sociology

Information

Gerard J. Grzyb, Chairperson
Department Office: Sage 4611
Department Telephone: 920-424-2030
Code 92 or SOC

Faculty

- Grzyb, Hauser, Remender, Son, Stark, Van Auken, Wells

Degrees

- **Undergraduate:** A major in Sociology can lead to the degree(s): Bachelor of Arts; Bachelor of Science.
- **Graduate:** The Department does not offer a graduate program. However, students who complete a major in our Department may wish to consider advanced study at the University of Wisconsin Oshkosh in these programs: the Master of Business Administration program, the Master of Public Administration or Master of Science in Education-Counseling programs. For specifics, please see the University of Wisconsin Oshkosh Graduate Bulletin. Graduate programs in Wisconsin that offer both M.A/M.S. and Ph.D. degrees in sociology are at the University of Wisconsin Madison and the University of Wisconsin Milwaukee.

Summary of Fields of Study

1. **THE GOAL(S)**
 - Students will be challenged to become increasingly sophisticated in the formulation and application of sociological analyses. Building upon this principle, the curricular goals of the Sociology Department are that sociology majors will:
 - Understand the complex character of social reality.
 - Comprehend the interdependent influence of culture and social structure.
 - Analyze society at the macroscopic and microscopic levels.
 - Comprehend the reciprocal relationship between individuals and society.
 - Become aware of the internal diversity of American society and its place in the international context.
 - Obtain competence in the use of basic concepts in sociology.

- Understand and appreciate the role of core concepts and theories in sociology.
 - Establish methodological competence.
 - Study selected areas in depth.
 - Identify implications and applications of sociological principles by means of internships or research projects.
- The Sociology Faculty endorses teaching and learning strategies, which result simultaneously in the attainment of these curricular goals and the following specific skills:
 - The ability to think critically and analytically about social situations, problems and issues.
 - The ability to identify and analyze value orientations in social relations and institutions.
 - The ability to effectively adapt appropriate methodological strategies to specific problems and contexts.
 - The ability to use computers appropriately and effectively in the conduct of sociological analysis.
 - The ability to appropriately and effectively use basic statistics.
 - The ability to appropriately and effectively use basic observational and interpretive skills.
 - The ability to communicate the results of sociological analysis clearly and effectively.

Comment: The Department of Sociology offers courses that encourage students to think more carefully about the social relationships they experience and observe. These courses aid the student in thinking more clearly about interpersonal relationships, social organization, the nature of modern society, and how to put this knowledge into practice. New majors must be prepared for a challenging intellectual experience.

1. **THE MAJOR(S)**

- The Department offers one major: 1) Sociology.
- Completion of the Sociology major fulfills the Ethnic Studies requirement.

2. **THE MINOR(S)**

- The Department offers two minor(s): 1) Sociology; 2) Sociology - Elementary Education

Admission/Graduation Requirements

- To be eligible for graduation, students must receive a grade of "C" or better in each sociology course intended to count as part of the total required for the sociology major or minor. If a student receives less than a "C" in a sociology course, it would not be counted toward graduation in the major or minor.
- Those students seeking Wisconsin teacher certification must earn a minimum grade point average of 3.00 in all courses required for their minor in order to meet requirements of the College of Education and Human Services.

Required Core Courses

- None

The Major(s), with Emphasis and/or Options

1. SOCIOLOGY MAJOR

Recommended for students who seek a broad social science background at the bachelor's level as preparation for graduate work and employment in a wide variety of occupations in both the public and private sector (including teaching, general management, the helping professions, survey and market research, law, and health care administration) as well as graduate work in sociology, other social sciences, counseling, business administration, and urban planning.

- **Required Units (crs.):** 38 minimum
- **Required Courses:**
 - **Sociology:** Sociology 203, 281, 303, 305, 381, 481
 - **Interdisciplinary Studies:** Interdisciplinary Studies 209
 - **At least two of the following courses:** Sociology 331, 347, 359, 368
 - **ETS Major Field Test in Sociology**
- **Electives:** Sufficient courses from the Department's offerings in Sociology to meet the Minimum Requirement.
- **Note:** No more than 3 credits of the 36 credit Minimum Requirement for the major can come from arranged courses (Sociology 309, 446, 456, 467).

The Minor(s)

1. SOCIOLOGY MINOR

Recommended for students who are majoring in other social sciences, human services, environmental studies, nursing, or business administration, but the department has had minors from virtually every other discipline within the natural and physical sciences, social sciences or humanities.

- **Required Units (crs.):** 24 minimums
- **Required Courses:**
 - **Sociology:** Sociology 101
- **Electives:** Sufficient courses from the Department's offerings in Sociology to meet the Minimum Requirement.

2. SOCIOLOGY-ELEMENTARY EDUCATION MINOR

Recommended for students who desire a strong background in sociology. This minor can be taken only in combination with an Elementary Education major.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Sociology:** Sociology 101, 151, 18 units (crs.) of sociology electives

- **Note:** None of the 24 credits required for the minor can come from the following courses; Sociology 309, 446, 456, 467.

Course Offerings

- **Sociology 101** 3 units (crs.)

Introductory Sociology (SS)

Orientation to the sociological perspective. Basic sociological concepts, research procedures, processes of human interaction, and social institutions.

- **Sociology 103** 1-3 units (crs.)

Honors: Introductory Sociology (SS)

Orientation to the sociological perspective. Exploration of basic sociological concepts, research procedures, processes of human interaction, and social institutions.

- **Sociology 151** 3 units (crs.)

Modern Social Problems (SS)

A study of major social problems confronting our society; personal and social disorganization, crime, juvenile delinquency, race and other selected problems.

- **Sociology 203** 3 units (crs.)

Foundations of Sociology

This course is the first in the sequence of required courses for the Sociology major. It covers the major areas of sociology: theory, methods, core concepts, social institutions, and social change. The course emphasizes active learning through critical reading, writing, discussion, research projects, and presentations. It is required of all sociology majors and is a prerequisite for Sociology 303, 305 381 and 481. Prerequisite: A declared Sociology major.

- **Sociology 207** 3 units (crs.)

Social Processes and Social Structures (SS)

Human behavior in structured social situations. Classification of basic social forms and theories of social structures. Identification and analysis of major social processes as they operate within various social structures.

- **Sociology 209** 3 units (crs.)

Special Topics in Sociology (SS)

Application of sociological principles and procedures to current public issues or special topics in sociology. The topics studied will reflect areas of special demand or new developments in sociology. Prerequisite: Consent of instructor.

- **Sociology 261** 3 units (crs.)

Environment and Society (SS)

Examines relationship between social structure, culture and natural environments; compares different modes of production and cultural systems. Examines economic, political and ideological structures of industrial and industrializing societies. Analyzes the impact of these structures upon natural environments and analyzes the impact of natural environment upon these structures. Sociology 261/Environmental Studies 261/Political Science 261 Students may receive credit for only one of the three cross-listed courses. Special course fees may apply.

- **Sociology 275** 3 units (crs.)

Applied Sociology (SS)

Practicum or fieldwork experience in applying sociological principles to everyday life situations. Conducted on an individual and seminar basis to provide an opportunity to use sociological ideas outside the traditional classroom setting. Prerequisite: Consent of instructor.

- **Sociology 281** 4 units (crs.)

Social Statistics

Basic descriptive and inferential statistics, including measures of central tendency and dispersion, interval estimation, hypotheses testing, and measures of association. Introduction to computerized statistics using SPSS for Windows. Prerequisites: Math 102, 104, 107, or PBIS 187 with a grade of C or better or placement at a level higher than Math 104 via the math placement exam.

- **Sociology 303** 3 units (crs.)

Classical Sociological Theory (SS)

Sociological theory from the European Enlightenment to 1930. Prerequisites: Sociology 203 and 281 (with a grade of C or better in each), and a declared major in sociology.

- **Sociology 305** 3 units (crs.)

Contemporary Sociological Theory (SS)

Sociological theory since 1930. Prerequisite: Sociology 203 and 281 (with a grade of C or better in each), and a declared major in Sociology.

- **Sociology 307** 3 units (crs.)

Propaganda and Public Opinion (SS)

A study of the ways in which attitudes and beliefs are influenced in modern society by means ranging from mass media to interpersonal influence. Public opinion measurement. Propaganda techniques. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 309** 3 units (crs.)

Teaching Practice in Sociology (SS)

This course number is reserved for students serving as teaching assistants. Students are permitted to take the course for credit twice (maximum of 6 units (crs.)). Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 311** 3 units (crs.)

Sociology of the Modern City (SS)

For the first time in history, more people in the world now live in urban areas than rural areas. This course explores urban places and urban people, in historical context and via current affairs, from our largest cities to the local level. It focuses in particular on these topics that impact urban places: suburbanization and sprawl; stratification, immigration, community, and organizations; population diversity, hop-hop culture, and racism; and, politics, globalization, planning and environmental issues. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Special course fees may apply.

- **Sociology 313** 3 units (crs.)

Rural Sociology (SS)

In recent decades, our world has become an urban one, yet rural places remain sociologically interesting. This course covers topics including community, agriculture, immigration and demographic change, consumption and the environment, and modern life in rural Wisconsin. In particular, it explores two important trends taking place in the rural U.S., including Wisconsin: the rise of large-scale industrialized agriculture and the simultaneous increase in popularity of community-supported agriculture and small-scale farms. Sociology 313/Environmental Studies

313 Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Special course fees may apply. 313/513

- **Sociology 315** 3 units (crs.)

Population Problems (SS)

How many people, of what kind, are where? How come? And so what? These questions are often tied to so-called population problems, and this course explores important questions like these, by studying fertility, mortality, and immigration in the U.S. and around the globe. Learning what these components of demography are, how to measure them, and what they mean is critical to not only understanding current affairs but also the future of human populations. Sociology 315/Environmental Studies 315 Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 317** 3 units (crs.)

Sociology of Health & Illness

Patterns of health and illness related to social organization and institutions. Issues include the social aspects of physical and mental illness, health related to culture, social structure, class, race, gender and ethnicity, social constructions of the body, changes in patterns of health and illness over time, health organizations and the socio-economic basis of the health care system. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 321** 3 units (crs.)

Social Psychology (SS)

The relationship of the individual to others, social groups, and society. The development of personality and the self. Motivation, attitudes, communication, prejudice, and leadership. (Sociology 321 and Psychology 205 may not both be counted toward the units (crs.) needed for graduation.) Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. 321/521

- **Sociology 325** 3 units (crs.)

Collective Behavior and Social Movements (SS)

Collective Behavior provides an analysis of spontaneous, emergent and transitory behavior in relatively unstructured social situations. Social Movements considers formation and dynamics of collective efforts to change or maintain the status quo or to return to some antecedent state. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Strongly recommended: Minimum of 6 units (crs.) in Sociology.

- **Sociology 327** 3 units (crs.)

Sociology of Religion

Religion as a fundamental institution in society including diverse cultural systems combining meaning, practice and organization. Trends in participation in organized religion, beliefs and values. Sociological comparisons of communities and organizations, social movements related to change, and structures of power and authority. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 331** 3 units (crs.)

Social Stratification (SS)

Systems of hierarchical ranking in American and other societies. Castes, estates, and social classes. Stratification theory. Significant American studies of social class structure, power and mobility. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 335** 3 units (crs.)

Social Gerontology (SS)

An analysis of the phenomena of growing old. Primarily for upper division students who have interests in working in some area of social gerontology. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 337** 3 units (crs.)

Work, Industry, and Occupation (SS)

Social organization of work including history and variety of work experiences, relationship to other social institutions, impact of technology and megacorporations, discrimination, unemployment, future of work. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. 337/537

- **Sociology 339** 3 units (crs.)

Sociology of the Family (SS)

The course examines the family system in the U.S. and elsewhere, including the ways family structures both reinforce and challenge gender roles. Sociological and gender-based theories of the family are explored as well as the complex relationships among marriage, parenting, work, and family. Varieties of family experience are considered, with special attention given to issues concerning competing definitions of the family. Cross-listed: Women's Studies 339/539/Sociology 339/539. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. 339/539

- **Sociology 342** 3 units (crs.)

Social Ecology (SS)

Social Ecology: n1: a coherent radical critique of current social, political, and anti-ecological trends. 2: a reconstructive, ecological, communitarian, and ethical approach to society. As concerns about environmental problems have arisen in recent decades, people have increasingly recognized that what appear to be environmental issues are actually social in origin. This course examines various theoretical perspectives and practical approaches to these issues, with a focus on "going local." Prerequisites: Sociology 101, 151, 203 or consent of instructor. Special course fees may apply.

- **Sociology 347** 3 units (crs.)

World Systems and Global Inequality

Examines the relationship between core countries and peripheral countries. Consequences of the relationship for multi-national corporations and indigenous people. Discussion of development and maldevelopment. Relationship between private profits and the military. Prerequisites: Sociology 101 or 151 or 203, junior or senior standing or consent of the instructor.

- **Sociology 351** 3 units (crs.)

Criminology (SS)

The study of criminal behavior. Theories of causation and societal reactions to crime and criminals. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Strongly recommended: Sociology 151.

- **Sociology 353** 3 units (crs.)

Juvenile Delinquency (SS)

Varieties and extent of delinquency. Causal explanation and research findings. Programs for treatment of delinquents and prevention of delinquency. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. 353/553

- **Sociology 355** 3 units (crs.)

Social Control (SS)

A study of major aspects of social power; means and techniques of social control; and contemporary problems of social control in relation to individual freedom and liberation. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 359** 3 units (crs.)

Minority Groups (ES) (SS) Minority Groups (ES) (SS)

Racial and cultural minority groups in the United States, prejudice, types of discrimination and social processes in intergroup relations. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 361** 3 units (crs.)

Complex Organizations (SS)

Theoretical and empirical analysis of the social structures and processes underlying the interrelationships among humans and formal complex organizations which proliferate in modern, industrial societies. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 365** 3 units (crs.)

Processes of Social Disorganization (SS)

Sociological and non-sociological conceptions, explanations and theories of social problems and of social control. Analysis of factors underlying social and personal maladjustment. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 368** 3 units (crs.)

Sociology of Gender (SS)

Analysis of the social construction of gender, which shapes the lives of men and women through the organization of roles or patterns of expectations related to order in society, including sex-typed behavior and self-expression, sexualities, the division of labor, the organization of households, parenting, power and gender-based forms of discrimination. (This course cannot be taken under both Sociology 368 and Women's Studies 368.) Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 369** 3 units (crs.)

Sociology of Deviance (SS)

Sociological conceptions of the nature of deviance, its origin, its control, and the social processes which define behavior as deviant. Fieldwork included. Prerequisites: Sociology 101 or 151, or consent of instructor.

- **Sociology 371** 3 units (crs.)

Sociology of Mental Disorder (SS)

Sociological contributions to the understanding of mental disorder and its treatment. Sociological theories and research dealing with epidemiology, societal stresses and social reactions to the problem. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 373** 3 units (crs.)

Sociology of Law (SS)

The relationship between law and society; sociological analyses of the law in action. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 381** 3 units (crs.)

Social Research (SS)

Critical examination and interpretation of the research process. Methods and theory used in the behavioral sciences in obtaining, interpreting, and presenting data. Prerequisites: Sociology 203 and 281 (with a grade of C or better in each), and a declared major in Sociology.

- **Sociology 382** 3 units (crs.)
Society Through Film (SS)

Films are employed to illustrate significant sociological concerns. Discussion of selected films is designed to promote critical analysis and insight into the social world in which we live and a critical analysis of films from a sociological standpoint. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. Strongly recommended: 6-9 units (crs.) in Sociology.

- **Sociology 389** 3 units (crs.)
Sociology of Education (SS)

Includes a consideration of formal and non-formal education and of social factors that influence what is learned. The process of learning in interaction with others is considered. (Sociology 389/589 does not substitute for General Education 403) Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 407** 1-4 units (crs.)
Special Topics in Sociology (SS)

Application of sociological principles and procedures to current public issues or special topics in sociology. The topics studied will reflect areas of special demand or new developments in sociology. This course is repeatable for credit, provided that it has a different subtitle and content for each enrollment. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 446** 1-3 units (crs.)
Independent Study

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 456** 1-3 units (crs.)
Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 467** 1-8 units (crs.)
Internship in Sociology (SS)

This course is intended as a capstone course for Sociology Majors. Students must have a project supervisor from the Sociology Department and an approved internship. A supervised field experience accompanied by a sociological analysis of the germane interaction system. This course is repeatable for up to eight credits. Prerequisite: Sociology 275 or consent of instructor.

- **Sociology 474** 1-6 units (crs.)
Honors: Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Sociology 481** 3 units (crs.)
Senior Research Project (SS)

This is a senior seminar focused upon the formation, completion and presentation of individual research projects which incorporate the skills and knowledge students have developed through

their study of sociology. Seminar discussions, presentations and requirements will be centered upon these research projects. Prerequisites: Sociology 203, 281, and 381 (all with a grade of C or better), and a declared major in sociology.

Theatre

Information

Roy Hoglund, Chairperson
Department Office: Arts and Communication W103
Department Telephone: 920-424-7042
Code 97 or Theatre

Faculty

- Angwall, Alderson, Donnelly, Hoglund, Kalinoski, Purse-Wiedenhoeft

Degrees

- **Undergraduate:** A major in Theatre with Emphasis in Acting, Design Technology and an Integrated Emphasis.
The Theatre Degree is designed to develop a foundation in Theatre as a performing art with a strong footing in the Liberal Arts stressing a hands on philosophy. This training offers students the greatest opportunity in securing a career in either the Theatre or allied professions, or post undergraduate study.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - Upon completion of the Theatre Major, students will have an understanding of the nature and function of dramatic form, a broad knowledge of the processes of theatrical production, developed a comprehensive understanding of the history of the theatre, the ability to analyze and communicate a dramatic text to an audience, able to make effective use of the research tools available to the theatre artist, critic and historian, will value the art of the theatre as a means of understanding the human condition within society, and appreciate the function of art and artist within the community, developed a commitment to the pursuit of artistic excellence and integrity, and subscribe to the dictum: "Love the art in yourself; not yourself in art".
2. **THE MAJOR(S)**
 - The Department offers a choice of 3 emphasis within the Theatre Major. These are: 1) Acting, 2) Design, 3) Integrated

3. THE MINOR(S)

- The Department offers 2 Minors: 1) Theatre, 2) Theatre Education

Admission/Graduation Requirements

- None

Required Core Courses

- **Theatre**
 - Theatre 102 Script Analysis 3 cr.
 - Theatre 204 Survey of Theatre History 3 cr.
 - Theatre 367 Fundamentals of Directing 3 cr.
 - Theatre 402 Senior Project 3 cr.

The Major(s), with Emphasis and/or Options

1. THEATRE ARTS MAJOR

A. ACTING EMPHASIS:

Recommended for students who are interested in pursuing careers in acting and related fields, or who wish to pursue graduate study in theatre.

- **Required Units (crs.)** 34 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Theatre:** 308, 309, 409, 410.
 - **One course from the following approved list of Theatre History courses:** Theatre 202, 340, 342, 360, 404.
 - **One course from the following approved Technical Theatre courses:** Theatre 203, 253, 346, 351, 369.
- **Electives:** sufficient courses from the Theatre offerings to meet the Minimum Requirement.

B. DESIGN EMPHASIS:

Recommended for students who are interested in pursuing careers in stage design and related fields, or who wish to pursue graduate study in theatre.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Theatre:** 202, 203, 205 or 308, 351, 369, 371, 372, 473.
- **Electives:** Sufficient courses from the Theatre offerings to meet the Minimum Requirement.

C. INTEGRATED EMPHASIS:

Recommended for students who are interested in pursuing careers in theatre and related fields, or who wish to pursue graduate study in theatre.

- **Required Units (crs.):** 36 minimum
- **Required Courses:** In addition to the Core Courses:
 - **Theatre 205 or 308**
 - **One course from the following approved list of Theatre History courses:** Theatre 202, 340, 342, 360, 404.
 - **A course from the following approved list of Technical Theatre Courses:** Theatre 203, 253, 346, 351, 369, plus a minimum of 15 credits approved electives selected in consultation with the departmental advisor.
- **Electives:** Sufficient courses from the Theatre offerings to meet the Minimum Requirement.

The Minor(s)

1. THEATRE MINOR

Recommended for students who are interested in Theatre in relationship to other fields of study in the arts, or who would like to work professionally in theatre or theatre related fields.

- **Required Units (crs.):** 21 minimum
- **Required Courses:**
 - **Theatre:** Theatre 102, 204, 367; Theatre 205 or 308; Theatre 351 or 369.
- **Electives:** Sufficient theatre electives to meet the minimum requirement.

2. THEATRE EDUCATION MINOR

Recommended for students who wish to teach in Theatre and related areas in the secondary (6-12) grades.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Theatre:** Theatre 102, 204, 205, 367, 369, 389.
- **Other Requirements:** Methods course Theatre 403 is required of all Secondary Education Minors in Theatre.
- **Electives:** Sufficient courses from the Department's offerings to meet the Minimum Requirement.

Course Offerings

-
- **Theatre 102** 3 units (crs.)
Script Analysis for the Theatre

Analysis of the play script as a blueprint for production. Emphasis on plot, theme and character analysis. Plays studied in this course will serve as a foundation for subsequent theatre courses.

- **Theatre 161** 3 units (crs.)
Appreciation of the Drama (HU)

A survey of drama as an integral element in human society in its cultural aspects, intended to stimulate and develop an appreciation for drama as literature and theatre. Meets the Humanities requirement for General Education.

- **Theatre 162** 3 units (crs.)

Honors: Appreciation of the Drama (HU)

Investigation of the nature of dramatic form, survey of the development of theatrical expression in major historical periods, introduction to theatrical production processes, and a study of the theatre as the aesthetic and philosophical outgrowth of its culture. Topics will be explored through group projects, essays and oral reports. Students cannot earn credit in both an honors course and a non-honors course of the same title. Prerequisite: Enrolled in good standing with the UW Oshkosh Honors Program; prior or concurrent enrollment in HNRS 175.

- **Theatre 165** 3 units (crs.)

Voice and Diction

Training course for the normal voice to precede courses in interpretation, acting, public address and other areas. (Not to be substituted for Communication 111).

- **Theatre 167** 1 unit (cr.)

Theatre Participation-Technical I

Participation in technical aspects of scenery, lighting, sound, properties, or costumes for department sponsored productions. (0+3)

- **Theatre 168** 1 unit (cr.)

Theatre Participation-Publicity and Management I

Participation in-house management, stage management, and publicity for the department sponsored productions. (0+3)

- **Theatre 202** 3 units (crs.)

History of Styles for the Designer

Survey of architecture, furniture, decoration and clothing from the classical period to the present. Study of research methods for the scenic, costume and production designer.

- **Theatre 203** 3 units (crs.)

Fundamentals of Design

Study of the skills, techniques, and process for designing for Theatre and camera. The course will focus on drafting and drawing skills, research methods, and the elements of design composition.

- **Theatre 204** 3 units (crs.)

Survey of Theatre History

Survey of the major movements in theatre history; emphasis on methods of production: physical playhouse, staging techniques, acting, management; minor focus on criticism and dramatic literature. Prerequisite: Theatre 102 or consent of instructor.

- **Theatre 205** 3 units (crs.)

Fundamentals of Acting

Basic theories and techniques of acting. Body and voice training as a basis for development of dramatic characterization. Application of course content through presentation of scenes from distinguished dramatic literature. Prerequisite: Theatre 102.

- **Theatre 243** 3 units (crs.)

Women in the Arts: Encounters (HU)

Women in the Arts: Encounters is a team-taught interdisciplinary course which provides an overview of the significant contributions of women in the arts, while offering a critical look at

individual achievements and at societal attitudes and limitations which have impacted the nature and direction of women's artistic output. Students will gain hands-on experience through guided studio work in music, visual art and theater and the combination of these are forms via collaborative projects. Students may receive credit for only one of the cross-listed courses.

- **Theatre 253** 3 units (crs.)

Make-up for Stage and Screen

Study of the materials and techniques used in the creation and application of make-up in theatre, film and television. This course includes 2D and 3D techniques for the purposes of establishing age and character.

- **Theatre 260** 1 unit (cr.)

Theatre Participation-Acting or Directing I

Participation as actor in department sponsored productions (auditions required) or participation as director (application required the previous spring term) for department sponsored production. (0+3)

- **Theatre 262** 1 unit (cr.)

Theatre Participation-Technical II

Participation in technical aspects of scenery, lighting, sound, properties, or costumes for department sponsored productions. (0+3)

- **Theatre 308** 4 units (crs.)

Acting Studio I: The Actor's Resources

Introduction to the Acting Studio Program. Development of the actor's physical and vocal expressiveness, imagination, and understanding of the acting process through vocal and physical exercises, improvisations, theatre games and introductory scene work. Prerequisite: Theatre 102 or consent of instructor.

- **Theatre 309** 4 units (crs.)

Acting Studio II: The Actor's Text

Second course in the acting studio sequence. Skills acquired in the first term are applied to scripted work. Work with dramatic material which reflects the student's range of personal experiences. Prerequisite: Theatre 308 and consent of instructor.

- **Theatre 330** 3 units (crs.)

Stage Management

Study of principles and techniques of management for the stage, from prerehearsal preparations to running of rehearsals and performances. Includes practical application and special projects.

- **Theatre 340** 3 units (crs.)

Musical Theatre

A study of the historical development of American musical theatre, and an analysis of its dramatic forms: musical comedy, operetta, and music drama.

- **Theatre 342** 3 units (crs.)

Non-Western Theatre

A study of theatre outside the Euro-centric or Western tradition (to include African, Asian, Indian, Mid-eastern, and Native American ritual, libation, dance, puppetry, masks, storytelling, etc.) which enlarges the frame of reference leading to discoveries about form and concept of theatre in general. Prerequisite: Theatre 204 or consent of instructor.

- **Theatre 346** 3 units (crs.)

Props for the Theatre

The course is intended to provide a foundation in the process of organizing, procuring, and constructing properties for theatrical productions. Topics covered will include analyzing a script to develop a props list, strategies and sources to acquire props, and especially skills needed to shop-build props using a variety of techniques. The class consists of lectures, demonstrations, and hands-on instruction in the scene shop. Students will build various props as in-class projects and for actual theatre productions.

- **Theatre 351** 3 units (crs.)

Costume Construction for Theatre and Film

Study of basic construction techniques used in the creation of costumes and accessories for stage, film and television. Course will include the construction of a realized costume for the stage, and hat making techniques.

- **Theatre 360** 3 units (crs.)

History of the American Theatre

The study of theatre in America from the 18th Century to the present; the development of native playwrights, actors, and critics, and the dramaturgy of representative plays.

- **Theatre 362** 1 unit (cr.)

Theatre Participation - Technical Production

Participation in technical aspects of scenery, lighting, sound, properties, or costumes for department sponsored productions.. (0+3)

- **Theatre 363** 1 unit (cr.)

Theatre Participation - Acting or Directing II

Participation as actor in department sponsored productions (auditions required) or participation as director (application required the previous Spring term) for department sponsored production. (0+3)

- **Theatre 367** 3 units (crs.)

Fundamentals of Play Directing

A study and application of the principles and techniques of directing: Composition, level, plane, tempo, plot development, casting, play selection. Prerequisite: Theatre 102, and Theatre 205 or 308 or consent of instructor.

- **Theatre 369** 3 units (crs.)

Stagecraft

The principles, procedures and practices of technical theatre production. (2+3)

- **Theatre 371** 3 units (crs.)

Theatre Design I: Process

This course will focus on the further development of the designer's skills of visual communication, and the process of theatre Design. The course will introduce color theory, rendering techniques, computer assisted drafting, and model making for Theatre. Prerequisite: Theatre 102 and 203.

- **Theatre 372** 3 units (crs.)

Design Studio II Concept and Collaboration

This course will introduce the conceptual approach to design, and the collaborative process in Theatre. Collaborative design teams will explore the development of concept and process through a variety of genres such as Musical Theatre, Shakespeare, and Absurdist Theatre. Prerequisite: Theatre 371.

- **Theatre 373** 3 units (crs.)

Lighting and Sound for the Stage

Introduction to the techniques and technical aspects of lighting and sound for stage production. Students will work with contemporary concepts and practices in lighting and sound design for theatrical production.

- **Theatre 374** 3 units (crs.)

Script Writing for the Stage I

Introduces student to both concept and practice of Playwriting for a theatrical environment. Students are expected to write a one-act play to be read in class.

- **Theatre 375** 3 units (crs.)

Script Writing for the Stage II

This course is a continuation of study and builds on the knowledge and experience gained in Script Writing for the Stage I. Students are expected to write a full-length play to be read in class. Prerequisites: Theatre 374.

- **Theatre 376** 3 units (crs.)

Painting & Dyeing for the Theatre

This course is designed to introduce students interested in stage production to the techniques and practices of painting scenery and dyeing fabric for Theatrical, TV and Film productions. This course requires hands on exposure to different products and materials in a safe environment.

- **Theatre 377** 3 units (crs.)

History of Contemporary Theatre

A study of the historical development of Contemporary Theatre from the late 19th century to present day, its use of changing techniques and its response to issues of the day.

- **Theatre 378** 3 units (crs.)

Stage Combat

This course will introduce students to the wide range of fighting styles, armed and unarmed combat for stage and film with the utmost attention to safety. In addition it will explore concentration and relaxation skills as well as the acting, directing and choreography aspect of stage combat. Prerequisites: Theatre 205 or 308 or consent of instructor.

- **Theatre 389** 3 units (crs.)

Creative Drama

Study of the creative processes by which children, under the guidance of an adult leader, are engaged in an improvised, non-exhibitional form of drama. 389/589

- **Theatre 402** 3 units (crs.)

Senior Project

Extended project to demonstrate proficiency in an area of theatre; acting, directing, design, history and criticism. Student will demonstrate proficiency in achievement of program goals and objectives as set down in the Theatre Assessment Plan. Prerequisite: Senior status and consent of instructor.

- **Theatre 403** 3 units (crs.)

Teaching Theatre Methods and Cocurricular Activities

The goals, materials and methods of teaching theatre to middle and high school students. Prerequisite: None.

- **Theatre 404** 3 units (crs.)

Elizabethan Theatre History

Study of the theatrical conditions under which Elizabethan drama developed including physical playhouse, staging practices, acting company organization. Prerequisite: Theatre 204 or consent of instructor.

- **Theatre 409** 4 units (crs.)

Acting Studio III: Characterization

Third course in the acting studio sequence. Development of characterization with emphasis on scene work in contemporary realism. Vocal work focuses on the improvement of the actor's articulation of speech sounds. Prerequisite: Theatre 309.

- **Theatre 410** 4 units (crs.)

Acting Studio IV: Acting Shakespeare

Fourth course in the acting studio sequence. Study of acting and vocal techniques for performing the plays of Shakespeare. Prerequisite: Theatre 409.

- **Theatre 433** 3 units (crs.)

Entertainment Law

Laws and regulations, which govern radio, television, motion pictures, and theatre. Includes the relationships of the broadcast/media manager, artistic director, producer, director, and actor to each other and to agencies such as Congress, the courts, the FCC and other regulatory agencies. Cross-listed: Communication 433/Theatre 433. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Cumulative 2.5 GPA and Communication 201 for RTF majors and minors; OR Communication 118 and 236 for Speech Communication majors and minors OR Theatre 102 or consent of instructor.

- **Theatre 446** 1-3 units (crs.)

Independent Study

See Independent Study under course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Theatre 452** 3 units (crs.)

Advanced Costume Construction

Study of pattern drafting methods and advanced construction techniques used in the creation of historical or non-western costumes, and accessories. Prerequisites: Theatre 351 or permission of the instructor.

- **Theatre 460** 1 unit (cr.)

Theatre Participation - Publicity and Management II

Participation in house management, stage management and publicity for department sponsored production. (0+3)

- **Theatre 462** 1 unit (cr.)

Theatre Participation - Acting or Directing III

Participation as actor in department sponsored productions (auditions required) or participation as director (application required the previous Spring term) for department sponsored production. (0+3)

- **Theatre 463** 1-3 units (crs.)

Theatre Production Seminar

Focus on specialized problems in directing, design, technical theatre and stage management. May be repeated four times for up to 12 units (crs.) provided the topic varies. 463/663

- **Theatre 465** 3 units (crs.)

Children's Theatre

A study of the history, rationale, and special problems of theatre for youth, K-12. Emphasis upon play selection, production techniques, acting for young audiences using adult and child actors, and the new participation drama.

- **Theatre 469** 3 units (crs.)

Advanced Directing

Advanced study of representational and presentational forms, new directing concepts, and practical applications of directing principles in period and contemporary dramas including one major production project. Prerequisite: Theatre 367 or consent of instructor.

- **Theatre 473** 3 units (crs.)

Production Design for the Camera

This course focuses on design theory and techniques related to the study of production design for film and television. Prerequisite: Theatre 371

Urban Planning

Information

Coordinator
Program Office: Halsey 330C
Telephone: 920-424-7112
Code 99 or URB PLNG

Faculty

- Coulibaly, Hagen, Jones, Maher, McGee, Zaniewski

Degrees

- **Undergraduate:** A major in Urban Planning can lead to the degree(s): Bachelor of Science, Bachelor of Arts.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - See the department for a listing of their goal(s).
2. **THE MAJOR(S)**
 - The Department offers a choice of 2 emphases within the Urban Planning major. These are: 1) Urban Economic Development, or 2) Urban Planning.
3. **THE MINOR(S)**
 - The Department offers a one minor: 1) Urban and Regional Studies.

Comment:

Urban Planning makes an excellent second major for students whose first major is communications, criminal justice, economics, geography, political science, social work, or sociology.

Admission/Graduation Requirements

- To be eligible for the Urban Planning major or the Urban and Regional Studies minor, students must earn a minimum grade point average of 2.00 in all courses required for the major or minor.

Required Core Courses

- Required to take a minimum of 30 units (crs.).
- **Urban Planning:** 1 course from:
 - Urban Planning 131 Contemporary Urban Issues 3 cr.
- **Statistics:** 1 course from:
 - Economics 210 Economics 3 cr.
 - Mathematics 107 Introduction to Statistics 3 cr.
 - Mathematics 301 Introduction to Probability and Statistics 3 cr.
 - Psychology 203 Elementary Psychological Statistics 3 cr.
 - Sociology 281 Social Statistics 3 cr.
- **Economics:** 1 course from:
 - Economics 206 Principles of Economics I 3 cr.
 - Economics 207 Principles of Economics II 3 cr.
- **Research Methods:** 1 course from:
 - Criminal Justice 343 Empirical Analysis of Criminal Justice Issues 3 cr.
 - Sociology 381 Sociological Research 3 cr.
- **Urban Geography:** 1 course from:
 - Geography 324 Urban Geography 3 cr.
 - Geography 471 Geographic Information Systems 3 cr.
- **Urban Politics:** 1 course from:
 - Political Science 225 State and Local Government 3 cr.
 - Political Science 336 The Politics of Urban Growth 3 cr.
- **Sociology:** 1 course from:
 - Sociology 151 Modern Social Problems 3 cr.
 - Sociology 311 Sociology of the Modern City 3 cr.
- **Planning:** 1 course from:
 - Urban Planning 300 Planning 3 cr.
- **Field Experience:** 1 course from:
 - Urban Planning 471 Field Experience 3 cr.
 - Urban Planning 480 Internship 3 cr.
- **Housing:** 1 course from:
 - Urban Planning 320 Housing 3 cr.

The Major(s), with Emphasis and/or Options

1. URBAN PLANNING MAJOR

Recommended for students who seek a profession in urban planning, housing, or administration, as well as those who wish a well-balanced liberal arts degree.

- **Required Units (crs.):** 45 minimum

After meeting the core requirement, students will then be required to declare their area of concentration in either urban economic development or in urban planning. Each area of concentration has four required courses (12 units (crs.)) in addition to elective courses (3 units (crs.)) that students must take in consultation with the URS Coordinator.

- **Urban Economic Development Concentration**

- **Required Courses:** In addition to the Core Courses:

- **Urban Planning:** Urban Planning 425.
 - **Geography:** Geography 311.
 - **Economics:** Economics 339/539, Economics 403/603.

- **Electives:**

- **Anthropology:** Anthropology 336, 450
 - **Business:** Business 371
 - **Criminal Justice:** Criminal Justice 288, 346
 - **Economics:** Economics 321, 360, 430, 440
 - **Geography:** Geography 371, 381, 391, 419
 - **Political Science:** Political Science 212, 221, 225, 321, 366
 - **Social Work:** Social Work 167
 - **Sociology:** Sociology 315, 351, 359
 - **Urban Planning:** Urban Planning 360

- **Urban Planning Concentration**

- **Required Courses:** In addition to the Core Courses:

- **Urban Planning:** Urban Planning 317, 351, 350/520.
 - **Geography:** Geography 213.

- **Electives:**

- **Anthropology:** Anthropology 336, 450
 - **Business:** Business 371
 - **Criminal Justice:** Criminal Justice 288, 346
 - **Economics:** Economics 321, 360, 430, 440
 - **Geography:** Geography 371, 381, 391, 419
 - **Political Science:** Political Science 212, 221, 225, 321, 366
 - **Social Work:** Social Work 167
 - **Sociology:** Sociology 315, 351, 359
 - **Urban Planning:** Urban Planning 360

The Minor(s)

1. URBAN AND REGIONAL STUDIES MINOR

Recommended for students who will work and live in cities and wish to know better how they work and how to function successfully in them.

- **Required Units (crs.):** 24 minimum
- **Required Courses:**
 - **Urban Planning:** Urban Planning 300, 317, 320, 471.
 - **Economics:** Economics 321 or 339 or 403.
 - **Geography:** Geography 324.
 - **Political Science:** Political Science 225
 - **Sociology:** Sociology 311.
- **Electives:** See the Coordinator for a list of recommended electives.

Course Offerings

- **Urban Planning 131** 3 units (crs.)
Contemporary Urban Issues (SS)

An introductory course which examines some of the major contemporary issues confronting American cities including crime, poverty, education, housing, transportation, and the environment. The course will draw on guest lecturers from government agencies.

- **Urban Planning 300** 3 units (crs.)
Community Planning (SS)

An overview of urban planning including the history of planning, major types of planning techniques and theory, values of planners, and strategies for planning effectiveness. 300/500

- **Urban Planning 317** 3 units (crs.)
Land Use Regulation (SS)

An overview of the purposes, theoretical and legal issues, tools, and techniques of land use planning and regulation. 317/517

- **Urban Planning 320** 3 units (crs.)
Housing (SS)

An overview of urban housing including its recent history, the nature of the housing market, the impact of housing on society, government regulation and assistance, and new housing patterns. 320/520

- **Urban Planning 351** 3 units (crs.)
Planning Seminar (SS)

Emphasis on application of theory to particular problems. Prerequisite: Urban Planning 300.

- **Urban Planning 360** 3 units (crs.)
Real Estate Development Process (SS)

This course introduces students to the process of real estate development. Students will gain knowledge of the role of real estate developers, financial institutions, and the public sector in the real estate development process. The course will acquaint students with the process of site selection, design and construction, financial analysis, and marketing of real estate.

- **Urban Planning 410** 1-3 units (crs.)
Special Topics (SS)

A seminar type course to suit special, one-time-only situations.

- **Urban Planning 425** 3 units (crs.)
Computer Uses in Urban Analysis (SS)

Students will gain a knowledge of electronic data processing and analytical skills appropriate to entry level requirements in urban management positions, in particular analyses and effective display of socio-economic trends and other types of data. Case studies utilized. Prerequisite: Two advanced Urban Studies courses and basic knowledge of computer use as determined by the instructor. Strongly recommended: Practical Arts 103.

- **Urban Planning 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Urban Planning 456** 1-3 units (crs.)

Related Readings (SS)

See Related Readings under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form requirements.

- **Urban Planning 471** 1-3 units (crs.)

Field Experience (SS)

Introduces students to a wide variety of government units and individuals; improves writing skills. Weekly assignments are based on reports of meetings attended which are critiqued on the basis of form and content.

- **Urban Planning 474** 3 units (crs.)

Honors: Thesis (SS)

Honors thesis projects include any advanced independent endeavor in the student's major field of study, e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be 'Honors Thesis.' Completed projects will be announced and presented to interested students and faculty. Maximum of 6 units (crs.). Prerequisite: University Honors status and junior standing.

- **Urban Planning 480** 1-6 units (crs.)

Internship (SS)

A work experience in which students' work about thirty hours per unit (cr.) under the direct supervision of a person engaged in some phase of urban and regional planning and management.

Women's Studies

Information

Christie Launius, Director of Women's Studies
Department Office: Arts/Communications 312
Telephone: 920-424-0384, 920-424-0892
Email: launiusc@uwosh.edu
Code 98 or WOM STDS

Faculty

- Bates, Bauder, Bergstrom, Bruno, Burnett, Cannon, Corley, Crawford, Crotty, de Montigny, Dresser, Eichler-Levine, Foss, Frey, Fonkem, Gemin, Harper, Hauser, Heider, Kapelus-Poppi, Knox, Kuhl, Landry, Launius, Lechnir, Mouton, Murphy, Perkins, Rensing, Richards, Scribner, Shaffer, Taengnoi, Vaughan, Winterrowd

Degrees

- **Undergraduate:** A major in Women's Studies can lead to the degree(s): Bachelor of Arts, Bachelor of Science.
- **Graduate:** None

Summary of Fields of Study

1. **GOAL(S)**
 - Women's Studies is an interdisciplinary academic field that helps us understand the status, experiences, and achievements of women. It explores how we create and perpetuate gendered social structures and how these structures affect complicated social issues. Recommended for all students interested in investigating their responsibilities as part of a gendered society and in enriching their personal and professional interactions through commitment to both gender equity and activism for social change.
2. **THE MAJOR(S)**
 - The program offers one major: Women's Studies
3. **THE MINOR(S)**
 - The program offers one minor: Women's Studies

Admission/Graduation Requirements

- To graduate with a Women's Studies major or minor, students must meet all requirements for the degree being sought, in addition to earning a minimum grade point average of 2.00 in all courses applied to their Women's Studies major or minor. Refer to the following for complete requirements.

Required Core Courses

- **REQUIRED CORE COURSES:**
 - Women's Studies: Women's Studies 201, 366 or 399, 390, 435

The Major(s), with Emphasis and/or Options

- **Women's Studies Major**
 - **Required Units (crs.):** 36 units (crs.)
 - **Required Courses:** In addition to the core courses: 12 units (crs.)
 - Choose one course from each of the following four disciplinary categories:
 - Historical Perspectives: Women's Studies 334, 346, 351, 386, 396, 450, 451
 - Arts and Humanities: Women's Studies 224, 225, 243, 265, 268, 315, 316, 317, 324, 332, 345, 347, 360, 391, 395
 - Social Sciences: Women's Studies 105, 260, 302, 303, 307, 314, 320, 330, 331, 339, 343, 344, 350, 353, 357, 368, 370, 397
 - Environment, Health, and Natural Sciences: Women's Studies 310, 365, 380, 398
 - Diversity Requirement: One course must be global in nature, and at least one must cover Women and Diversity in the United States. These courses may overlap with the disciplinary category.
 - Global Diversity: One course from Women's Studies 265, 303, 334, 343, 344, 346, 351
 - Diversity in the United States: One course from Women's Studies 314, 317, 347, 350, 360, 371, 391
 - **Required Electives:** 6-12 units (crs.) (*May be tailored to meet the breadth requirement*)
 - Women's Studies 395, 446, 474

The Minor(s)

1. **Women's Studies**

- **Required Units (crs.):** 21 minimum
- **Required Courses:**
 - **WMST 201** Introduction to Women's Studies (3)
 - **WMST 435** Women's Studies Senior Seminar (3)
- **Other Requirements:** To graduate with a Women's Studies minor, students must meet all requirements for the degree being sought, in addition to earning a minimum grade point average of 2.00 in all courses applied to their Women's Studies minor.
- **Electives:**
For the remaining 15 unit (cr.) hours required to complete the minor, students may choose any combination of courses with the Women's Studies (98) prefix. Courses approved to count toward the minor, but not officially cross-listed, may be included among these electives with a course modification form. Students who completed a cross-listed course under its departmental number rather than its Women's Studies (98) number may include that course in their minor.
- **Comment:**
Cross-listed courses used to satisfy the unit (cr.) requirements of the minor may also count toward a student's major. Any Women's Studies course approved as a general education course may be used for both the minor and toward fulfilling the appropriate general education requirement, where approved by General Education. Careful selection of courses can enable students to add a Women's Studies specialization to their programs in ways that complement their majors particularly well.

Course Offerings

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- **Women's Studies 105** *3 units (crs.)*
Social Work Ethics in a Diverse Society

Introduces the student to the framework of ethics in a diverse society for generalist practice, focusing in particular on women's issues. To clarify ethical issues, social workers will need to use ethical concepts paired with social work knowledge, skills and values, when dealing with populations at risk. This course presents the student with basic philosophical theories and moral and ethical decision making models to prepare the student to fully understand the logic systems of the client as well as one's own values and behaviors. Cross-listed: Social Work 105/Women's Studies 105. Students may receive credit for only one of the two cross-listed courses.

Prerequisites: Open only to Social Work majors or Women's Studies majors/minors, or by consent of instructor.

- **Women's Studies 201** *3 units (crs.)*
Introduction to Women's Studies (SS)

Introduction to social scientific analysis of the cultural construction of gender and how it affects women's experiences past and present. Includes interdisciplinary study of women's issues in the family, work place, media, education, politics, and other cultural institutions, as well as intersections of ethnicity, class, and gender. Provides an introduction to the origins, purpose,

subject matter and methods of Women's Studies as a discipline for Women's Studies majors/minors and others interested in the field.

- **Women's Studies 224** 3 units (crs.)

Women in Literature (HU)

Representations of women and female experiences in literature. A variety of genres and historical periods may be covered from American, British, and/or colonial literatures. Cross-listed: English 224/Women's Studies 224. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Any Writing-Based Inquiry Seminar (188), or English 101 or English 110.

- **Women's Studies 225** 3 units (crs.)

Images of Women (HU)

Interdisciplinary approach to cultural representations of women past, present, and future.

- **Women's Studies 240** 3 units (crs.)

Human Sexuality (SS)

The study of human sexual functioning which will include social, political, biological, and aesthetic components and application of these components in developing a mature understanding of one's own sexuality and the responsible use of sex in one's life. Cross-listed: Health Education 240/Women's Studies 240. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 243** 3 units (crs.)

Women in the Arts: Encounters (HU)

Women in the Arts: Encounters is a team-taught interdisciplinary course which provides an overview of the significant contributions of women in the arts, while offering a critical look at individual achievements and at societal attitudes and limitations which have impacted the nature and direction of women's artistic output. Students will gain hands-on experience through guided studio work in music, visual art and theater and the combination of these are forms via collaborative projects. Students may receive credit for only one of the cross-listed courses.

- **Women's Studies 260** 3 units (crs.)

Psychology of Gender

Study of the psychological theories and research concerning gender in and across cultures. Topics, as they relate to gender, include language and communication, physical and mental development and health over the lifespan, work relationships, education, sexuality, power, and the media. Cross-listed: Psychology 260/Women's Studies 260.

Students may receive credit for only one of the two cross-listed courses. Prerequisites: General Psychology 101, 104 or 110; or consent of instructor.

- **Women's Studies 265** 3 units (crs.)

Women and Religion (NW) (ES) (HU)

Explores the role of women and the feminine in the religions of the world. Using sacred textual traditions as a base, we will examine the place of women and the feminine in 1) mythology, 2) social and family relations, and 3) religious ritual and organization, including monasticism. Attention will also be given to the significance of the gendered nature of deity for women's spirituality and experience in the world's religions. Cross-listed: Religious Studies 265/Women's Studies 265. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 268** 3 units (crs.)

Gender, Communication and Relationships (SS)

Focuses on the relationship between gender and communication within the context of interpersonal relationships. Topics covered include hetero/homoaffective relationships, friendships, and professional relationships. Cross-listed: Communication 268/Women's Studies 268. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Communication students are recommended to have taken Communication 111 or consent of instructor.

- **Women's Studies 302** 3 units (crs.)
Civil Liberties in the United States (SS)

Philosophy of civil liberties; constitutional basis, rights of conscience and expression; rights of persons accused of crime; political rights; equal protection of the laws. Cross-listed: Political Science 302/Women's Studies 302. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Political Science 105.

- **Women's Studies 303** 3 units (crs.)
Women and Politics (SS)

This course is intended to be an examination of the status of women in the American political system. This examination will explore the history and current status of women's rights, women as voters, political activists, and officeholders, and current issues surrounding the role and status of women in the United States. Cross-listed: Political Science 303/ Women's Studies 303. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Political Science 105.

- **Women's Studies 307** 3 units (crs.)
Discrimination, Gender, and the Economy (ES) (SS)

Analysis of the experiences of women and ethnic minorities in the economy, extending the traditional interpretations of economic issues to the unique experiences of these groups. Economic tools will be developed, and then applied to such topics as Comparable Worth, Wage Determination, Occupational Choice and Segregation, Poverty, and the Criminal Justice System. Cross-listed: Economics 307/Women's Studies 307. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Economics 106, 204 or 209.

- **Women's Studies 310** 3 units (crs.)

Biology of Gender

Evolution, genetics, development, anatomy, and physiology of gender in humans and other animals. Gender diversity including intersex and transgender. Roles of gender in reproductive and social behavior. Using biology in evidence-based critical thinking about related sociopolitical issues such as endocrine disruptors, defining deviancy, gender-based medicine, and sexual reassignment of infants and adults. Cross-listed: Biology 310/Women's Studies 310. Students may receive credit for only one of the cross-listed courses. Prerequisites: Biology 105 and either Biology 211 (preferred) or biology 230 or Biology 308, or instructor's permission.

- **Women's Studies 314** 3 units (crs.)
Native American Women (ES)

This class explores the diverse experiences, perspectives, histories, cultures, and contemporary issues of Native North American women as well as the ethics of research and representation. Relevant topics include family and gender roles, health, alcoholism, education, language, cultural preservation and change. Examples will be drawn from ethnography, ethnohistory, and autobiography. Cross-listed: Anthropology 314/Women's Studies 314. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 315** *3 units (crs.)*

Women and Madness

This course examines women's experiences with madness, mental institutions, and mental illness. We explore the following questions: what is madness and how has it been culturally defined, why are women institutionalized, what disorders do women suffer from, and what environmental causes lead to women's mental illnesses?

- **Women's Studies 316** *3 units (crs.)*

Gender, Discourse and Power (HU)

This course explores gender issues through the framework of public discourse and power dynamics. This course analyzes the vocabularies through which we publicly understand contemporary issues, examines the interests served by such language discourses, and invites discussion regarding alternative language choices. Prerequisites: Communication 118 and 236 and 368 or Women's Studies 201 and Communication 368 or consent of instructor. Students may receive credit for only one of the cross-listed courses Communication 316/Women's Studies 316.

- **Women's Studies 317** *3 units (crs.)*

Religion. Race. Class. Gender.

Religion. Race. Class. Gender. All of these variables of identity intersect in the memorable and complex representations of Jewish life found in children's and young adult literature. In this class, we will consider Jewish children's literature-both books by Jews and books about Judaism from a gender perspective. How does Jewish children's literature contribute to the construction and representation of gender roles of families in America? We will study all of these questions (and more). Cross-listed: Religious Studies 317/Women's Studies 317. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 320** *3 units (crs.)*

Gendered Lives (SS)

Analysis of how gender affects human experiences throughout the lifespan, from infancy through old age. Using insights from social science theories of human development and of gender, explores how males and females are expected to behave, how they actually define themselves, and how they act out or challenge gender prescriptions, at each stage of the life cycle. Cross-listed: Liberal Studies 320/ Women's Studies 320. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 324** *3 units (crs.)*

Gender in Literature: Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of literature from various periods illustrating gender roles in their cultural and social contexts. Cross-listed: English 324/Women's Studies 324. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **Women's Studies 330** *3 units (crs.)*

Discrimination and Legal Remedies (SS)

Examination of issues of discrimination in American society against groups and individuals and how the system responds to these problems. Issues of race, ethnicity, gender, economic class, sexual orientation, and physical disability are among those examined. Cross-listed: Political Science 330/Women's Studies 330. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 331** 3 units (crs.)

Women and Crime

This course is the study of women and crime, including women as participants and victims of crime, and criminal justice professionals. The course explores the pathways by which women become involved in criminal behavior, the response of the criminal justice system, and the complex worlds women experience on the street and in prison. Cross-listed: Women's Studies 331/Criminal Justice 331. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Criminal Justice 103 (Introduction to Criminal Justice) or Criminal Justice 110 (Introduction to Criminal Justice for Majors) or consent of the instructor.

- **Women's Studies 332** 3 units (crs.)

Early Women Writers - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. A study of women writers before 1900. The content will vary from term to term, and may include such subjects as Ancient, Medieval, Renaissance, Early American, Eighteenth-and Nineteenth-Century Women Writers. Cross-listed: English 332/Women's Studies 332. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor.

- **Women's Studies 334** 3 units (crs.)

Women in Modern European History (SS)

An examination of the role of women in modern European History from the Enlightenment to the Present. Particular attention will be paid to how women's work, political participation, and family roles have influenced and have been influenced by industrialization, modernization, and suffrage as well as political movements like democracy, communism, and fascism. Cross-listed: Women's Studies 334/History 334. Students may receive credit for only one of the two cross-listed courses. Prerequisite: History 102 or consent of instructor.

- **Women's Studies 338** 3 units (crs.)

Adult Development and Aging (SS)

A study of the developmental tasks of early, middle, and late adulthood. Work, marriage, parenthood, retirement, death, and other issues will be examined with regard to cognitive, emotional, motivational, and psycho-social functioning through the adult years. Cross-listed: Psychology 338/Women's Studies 338. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Psychology 101, 104 or 110.

- **Women's Studies 339** 3 units (crs.)

Sociology of the Family (SS)

The course examines the family system in the U.S. and elsewhere, including the ways family structures both reinforce and challenge gender roles. Sociological and gender-based theories of the family are explored as well as the complex relationships among marriage, parenting, work, and family. Varieties of family experience are considered, with special attention given to issues concerning competing definitions of the family. Cross-listed: Women's Studies 339/539/Sociology 339/539. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Sociology 101 or 151, or 203 or consent of instructor. 339/539

- **Women's Studies 343** 3 units (crs.)

Masculinity Across Cultures

By taking a cross-cultural approach with examples from all over the world, the course aims to interrogate notions of masculinity that have become naturalized in wider American society. Some of the topics of the course may include issues of men and violence, emotion,

invulnerability, independence, kinship, the body, transsexuality, masculinity and national identity, and rites of passage. The course will examine the relationships between particular masculinities and femininities and gendered hierarchies, power, and inequality in culture and society. Implicit in all these discussions will be the relationships between men and women, definitions of masculinity and femininity, gender, gender roles and expectations, and how factors of race, class, and gender shape definitions and expressions of masculinity. Cross-listed: Anthropology 343/Women's Studies 343. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 344** 3 units (crs.)

Kinship, Gender and Sexuality (SS)

Examination of comparative gender roles and the behavior, status, and economic position of the sexes in cultural groups other than contemporary U.S. society. Cross-listed: Anthropology 344/Women's Studies 344. Students may receive credit for only one of the cross-listed courses.

- **Women's Studies 345** 3 units (crs.)

Twentieth-Century Women Writers - Optional Content

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. Studies in literature written by women in the 20th-century, with emphasis on works by contemporary authors. Cross-listed: English 345/Women's Studies 345. Students may receive credit for only one of the two cross-listed courses.

Prerequisite: English 281 or consent of instructor.

- **Women's Studies 346** 3 units (crs.)

Women & Gender Relations in Latin American History (NW)

This course will explore the role of women and the construction of gender relations in Latin America since Pre-Hispanic times to the Twentieth Century. It will start with the analysis of these topics among the Aztec and Maya and will next focus on the way in which gender relations contributed to the construction of the colonial world. The course will next look at the position that women played in the nineteenth century and the transformations that affected gender relations towards the end of the century, when new middle-class values began pervading Latin American society. The course will finally examine the way in which the modernization process of the first half of the twentieth century brought women into the public sphere as workers, political leaders, and intellectuals. Cross-listed: History 346/Women's Studies 346. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Either History 102 or History 201.

- **Women's Studies 347** 3 units (crs.)

Race, Class, Gender in the Mass Media (ES) (HU)

An introduction to the issues of race, class and gender, including sexual orientation, and their function within motion pictures and the electronic media. The investigation into media representations will reveal the historical, social, and political contexts that shaped and continue to construct these images. Prerequisites: Cumulative 2.5 GPA and Communication 201 for RTF majors and minors; OR 2.5 Cumulative GPA and Women Studies 201 for Women's Studies majors and minors; OR Communication 118 and 236 for Speech Communication majors and minors OR instructor consent.

- **Women's Studies 350** 3 units (crs.)

Women, Race and Class (ES) (SS)

Explores how women's lives are shaped by the intersections of the major socially-constructed systems of differentiation and power: race, class, gender and sexual orientation. Examines how

women of color have shaped feminist thought and how all of us can participate together in feminist and anti-racism work. Fulfills Ethnic Studies general education requirement.

Prerequisite: Women's Studies 201 or consent of instructor.

- **Women's Studies 351** 3 units (crs.)

Gender in Indian History

This course examines gender in the context of Indian Civilization from prehistory to the present. Instead of focusing on political and economic history, the concern of this course is the development of ideas about sexual identity and normative values regarding the roles of men and women in society. While the majority of the course material will revolve around the history of women, with an emphasis on relationships and family life in Hindu and Muslim Indian culture, some attention will be given to the subject of masculinity and to non-normative traditions. Cross-listed: History 351/Women's Studies 351. Students may receive credit for only one of the two cross-listed courses.

Prerequisites: History 101 or 102.

- **Women's Studies 353** 3 units (crs.)

Domestic Violence (SS)

The course will familiarize students with the problem of domestic violence. Special emphasis will be given to spouse abuse, the cycle of violence, alternatives available to the victim, legal options, and counseling approaches used. Aspects of prevention, community intervention will be explored, along with the historical perspective and contributory factors such as sex-role stereotypes, social violence, and cultural norms. Cross-listed: Human Services 353/ Women's Studies 353. Students may receive credit for only one of the cross-listed courses.

- **Women's Studies 357** 3 units (crs.)

Sex Differences in Society (SS)

A study of behavior and social inequalities based on sex differences. Interdisciplinary perspectives on sex roles in the family and at work. Historical and cross-cultural perspectives on the position of women in society.

- **Women's Studies 360** 3 units (crs.)

Judaism Since Gender

How have Jewish women, men, and individuals of other sexes lived with Judaism "since gender?" In this course, we will examine the intersection of Judaism and gender among various Jewish communities from the ancient world to the present, with a particular focus on contemporary America. We will consider how the "afterlives" of biblical figures continue to influence modern gender roles; the different and complex ways that bodies have figured in Jewish culture; how Jews are gendered in popular culture portrayals; and some of the changes, renewals, and continuities in Jewish practice and theology that have occurred since the rise of feminist movements. Cross-listed: Religious Studies 360/Women's Studies 360. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 365** 3 units (crs.)

Gender and Nature (SS)

This course offers an introduction to the connections between concepts of gender and nature in the West. It examines ecological feminist theories about the relationship between the domination of nature and the subordination of women as well as the impact of gender differences on ideas and experiences of nature. Topics include: scientific explanations of the nature of gender, the feminization of nature in Western thought, the roles of men and women in the environmental

movement, and the gendered division of environmental risk, work, and benefits in contemporary political economies. Cross-listed: Environmental Studies 365/Women's Studies 365. Students may receive credit for only one of the two cross-listed courses.

- **Women's Studies 366** 1-3 units (crs.)

Service Learning Field Study (SS)

In this course, students will apply their Women's Studies education in service activities in the community related to women's issues, under the supervision of an individual at the site and a member of the faculty or academic staff. Students will volunteer for a certain number of hours per week depending upon the number of credits they will receive. Students will also write reflective papers that connect their service experiences with relevant readings. Additional work is required for graduate credit. Prerequisite: Instructor permission and 6 hours of Women's Studies course credit. (NOTE: The general prerequisites for Independent Study/Related Readings are waived for this course.)

- **Women's Studies 368** 3 units (crs.)

Sociology of Gender (SS)

Analysis of the social construction of gender, which shapes the lives of men and women through the organization of roles or patterns of expectations related to order in society, including sex-typed behavior and self-expression, sexualities, the division of labor, the organization of households, parenting, power and gender-based forms of discrimination. (This course cannot be taken under both Sociology 368 and Women's Studies 368.) Prerequisites: Sociology 101 or 151, or 203 or consent of instructor.

- **Women's Studies 370** 3 units (crs.)

Women and the Law (SS)

Examines the Equal Rights Amendment, symbolic discrimination, women and the political system, constitutional status of women, social status of women (family, law, pregnancy, educational status), economic status of women, and comparative status of women.

- **Women's Studies 371** 3 units (crs.)

African American Women Writers - Optional Content (ES)

This course may be offered with different content. With a different subtitle, it may be taken twice with the signature of the department chair. An examination of work by African American women writers such as Toni Morrison, Gloria Naylor, Alice Walker, Paule Marshall and others. Cross-listed: English 371/Women's Studies 371. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281 or consent of instructor. 371/571

- **Women's Studies 380** 2-3 units (crs.)

Women's Health: Issues and Nursing Practice (SS)

An overview of the health care of women from a nursing perspective. The status of women as health care professionals, as well as clients in the health care system, is explored. Aspects of health promotion and female health related problems are studied with the incorporation of psycho-socio-political aspects. Content related to childbearing will not be addressed. Open to majors and non-majors. Cross-listed: Nursing 380/Women's Studies 380. Students may receive credit for only one of the two cross-listed courses. (Elective)

- **Women's Studies 386** 3 units (crs.)

Women in the United States (SS)

The status, work, role, and leadership activities of white, Native American and African American women in United States history. Exceptional women, and the feminist, suffrage, and liberation movements examined within the perspective of the life and attitudes of the mass of women in the

United States. Cross-listed: History 386/Women's Studies 386. Students may receive credit for only one of the two cross-listed courses. Prerequisite: History 201 or 202.

- **Women's Studies 390** 3 units (crs.)

Feminist Theory: Optional Content (SS)

Explores the distinct but intersecting explanations for women's personal, professional, and political conditions, as well as various recommendations for improving or transforming those conditions. This course may be offered using different content. When cross-listed with different departments or offered using different subtitles, it may be repeated for credit with consent of director.

- **Women's Studies 391** 3 units (crs.)

Gay and Lesbian Literature - Optional Content

This course may be offered with different content. With a different subtitle it may be taken twice with the signature of the department chair. An examination of lesbian and gay literature, with emphasis on work by contemporary authors. Readings will be arranged thematically, with particular attention to identity politics and to the AIDS epidemic. Cross-listed: English 391/Women's Studies 391. Students may receive credit for only one of the two cross-listed courses. Prerequisite: English 281.

- **Women's Studies 395** 3 units (crs.)

Special Topics: Optional Content

A course on a topic not normally covered in the curriculum. Each time it is offered, the topic will be announced in the timetable. May be repeated with different content.

- **Women's Studies 396** 3 units (crs.)

Special Topics in Historical Perspectives

A course in historical perspectives not normally covered in the curriculum. Each time it is offered, the topic will be announced in the timetable. May be repeated with different content.

- **Women's Studies 397** 3 units (crs.)

Special Topics in the Social Sciences

A course in the social sciences not normally covered in the curriculum. Each time it is offered, the topic will be announced in the timetable. Maybe repeated with different content.

- **Women's Studies 398** 3 units (crs.)

Special Topics in the Environment, Health and Natural Sciences

A course in the environment, health, and natural sciences not normally covered in the curriculum. Each time it is offered, the topic will be announced in the timetable. May be repeated with different content.

- **Women's Studies 399** 3 units (crs.)

Special Topics for Off-Campus Study

A course designed for off campus study of women's and/or gender issues that provides students an opportunity to engage with other cultures and societies. Information on specific trips, fees, transportation, and trip expenses will be announced each time the course is scheduled. May be repeated with different content.

- **Women's Studies 412** 2 units (crs.)

Nursing: Childbearing Families (SS)

The childbearing family and the nurse's role in the holistic health care and health promotion of the childbearing family are the focus of this course. Individuals and changing relationships

within the family will be addressed from a family development perspective. Normal physiological changes as well as psychosocial, environmental, and cultural influences and pathophysiological processes occurring during the reproductive cycle are included. Cross-listed Nursing 412/Women's Studies 412. Students may receive credit for only one of the two cross-listed courses. Prerequisite: Nursing 315 or consent of department.

- **Women's Studies 435** 3 units (crs.)

Women's Studies Senior Seminar (SS)

A capstone seminar for the Women's Studies program, designed for exploration of topics from a feminist perspective. Multi-disciplinary approach, allowing students to combine work in their major field with Women's Studies research, if they wish, using both primary and secondary sources. Prerequisite: Completion of 12 credits of Women's Studies courses or consent of instructor.

- **Women's Studies 446** 1-3 units (crs.)

Independent Study (SS)

See Independent Study under Course and Academic Advisement Policies information for general course description, general prerequisites, and proper contract form.

- **Women's Studies 450** 3 units (crs.)

Rhetoric of the US Women's Movement 1776-1920 (SS)

This course introduces students to primary rhetorical texts of the women's rights movement, spanning from 1776 to 1920. Students will analyze the main arguments, appeals, and ideas of the women's rights movement. Specifically, students will critically analyze the connections and distinctions among texts, examine the points of contention within the women's movement, and explore the ideological assumptions that underlie the major arguments, appeals and ideas. Cross-listed: Communication 450/Women's Studies 450. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Communication 118 and 236 and 368 or Women's Studies 201 and Communication 368 or consent of instructor.

- **Women's Studies 451** 3 units (crs.)

Rhetoric of the U.S. Women's Movement 1920-Present (SS)

This course introduces students to primary rhetorical texts of the women's movement in the United States from 1920 to the present. Students will analyze the main arguments, appeals, and ideas of the women's movement. Specifically, students will critically analyze the connections and distinctions among texts, examine the points of contention within the women's movement, and explore the ideological assumptions that underlie the major arguments, appeals, and ideas. Cross-listed: Communication 451/Women's Studies 451. Students may receive credit for only one of the two cross-listed courses. Prerequisites: Communication 118 and 236 and 368 or Women's Studies 201 and Communication 368 or consent of instructor.

- **Women's Studies 474** 1-6 units (crs.)

Honors Thesis

Honors Thesis projects include any advanced independent endeavor in the student's major field of study e.g., a written thesis, scientific experiment or research project, or creative arts exhibit or production. Proposals (attached to Independent Study contract) must show clear promise of honors level work and be approved by a faculty sponsor. Course title for transcript will be Honors Thesis. Completed projects will be announced and presented to interested students and faculty. Prerequisite: University Honors status and junior standing. Maximum of 6 units (crs.)